FORM 3

AMENDED REPORT ☐

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR PERMIT TO DRILL		**1. WELL NAME and NUMBER** NBU 921-26J3AS
2. TYPE OF WORK DRILL NEW WELL ■ REENTER P&A WELL ○ DEEPEN WELL ○		**3. FIELD OR WILDCAT** NATURAL BUTTES
4. TYPE OF WELL Gas Well Coalbed Methane Well: NO		**5. UNIT or COMMUNITIZATION AGREEMENT NAME** NATURAL BUTTES
6. NAME OF OPERATOR KERR-MCGEE OIL & GAS ONSHORE, L.P.		**7. OPERATOR PHONE** 720 929-6587
8. ADDRESS OF OPERATOR P.O. Box 173779, Denver, CO, 80217		**9. OPERATOR E-MAIL** mary.mondragon@anadarko.com
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) ML 22934	**11. MINERAL OWNERSHIP** FEDERAL ○ INDIAN ○ STATE ■ FEE ○	**12. SURFACE OWNERSHIP** FEDERAL ○ INDIAN ○ STATE ■ FEE ○
13. NAME OF SURFACE OWNER (if box 12 = 'fee')		**14. SURFACE OWNER PHONE (if box 12 = 'fee')**
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')		**16. SURFACE OWNER E-MAIL (if box 12 = 'fee')**
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')	**18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS** YES ■ (Submit Commingling Application) NO ○	**19. SLANT** VERTICAL ○ DIRECTIONAL ■ HORIZONTAL ○

20. LOCATION OF WELL	**FOOTAGES**	**QTR-QTR**	**SECTION**	**TOWNSHIP**	**RANGE**	**MERIDIAN**
LOCATION AT SURFACE	1437 FSL 1841 FEL	NWSE	26	9.0 S	21.0 E	S
Top of Uppermost Producing Zone	1969 FSL 1985 FEL	NWSE	26	9.0 S	21.0 E	S
At Total Depth	1969 FSL 1985 FEL	NWSE	26	9.0 S	21.0 E	S

21. COUNTY UINTAH	**22. DISTANCE TO NEAREST LEASE LINE (Feet)** 1969	**23. NUMBER OF ACRES IN DRILLING UNIT** 175
	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 501	**26. PROPOSED DEPTH** MD: 9845 TVD: 9779
27. ELEVATION - GROUND LEVEL 5010	**28. BOND NUMBER** 22013542	**29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE** Permit #43-8496

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

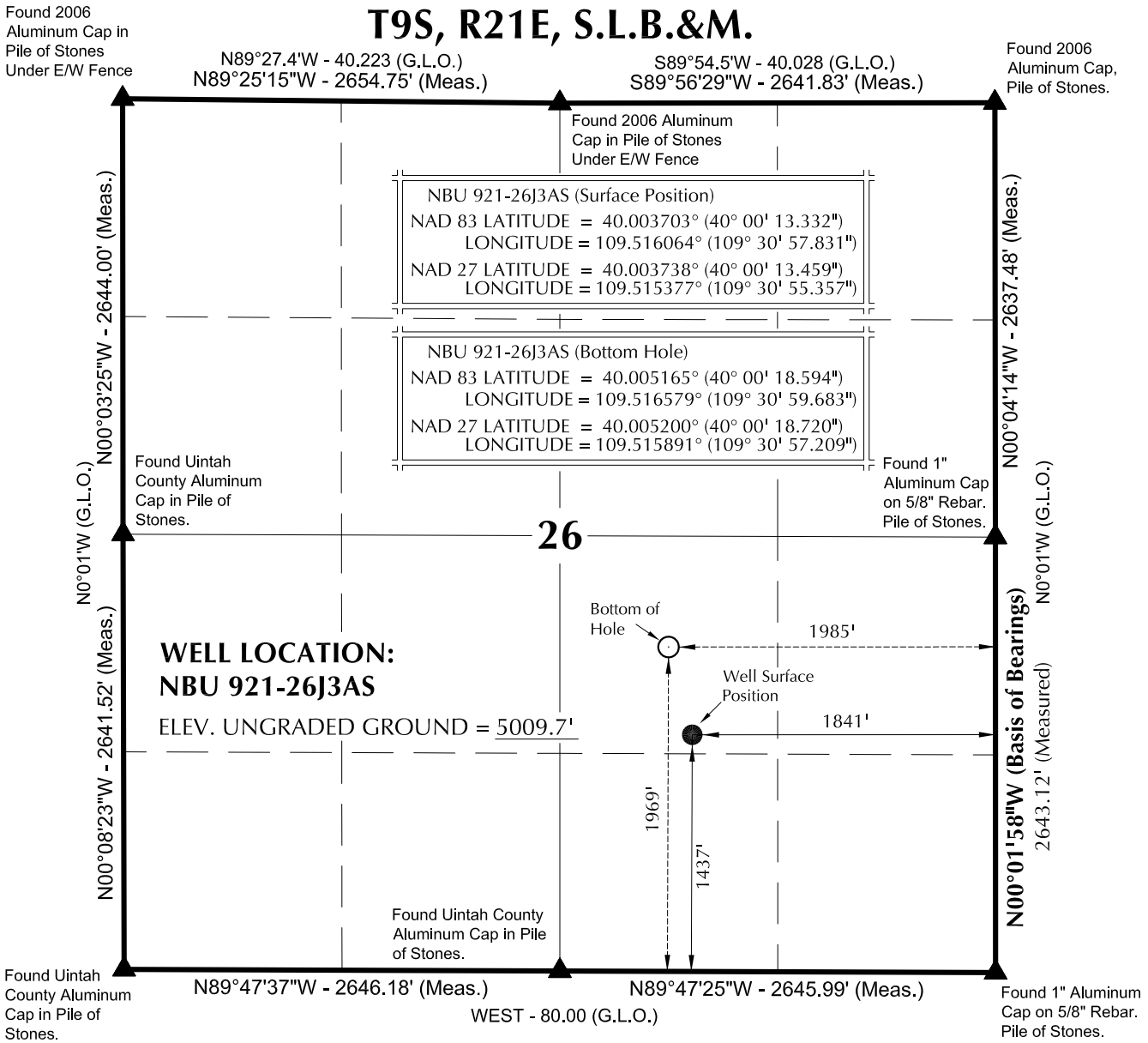
☑ **WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER**	☑ **COMPLETE DRILLING PLAN**
☐ **AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)**	☐ **FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER**
☑ **DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)**	☑ **TOPOGRAPHICAL MAP**

NAME Danielle Piernot	**TITLE** Regulatory Analyst	**PHONE** 720 929-6156
SIGNATURE	**DATE** 01/12/2010	**EMAIL** danielle.piernot@anadarko.com
API NUMBER ASSIGNED 43047508830000	**APPROVAL**	Permit Manager

Proposed Hole, Casing, and Cement						
String	**Hole Size**	**Casing Size**	**Top (MD)**	**Bottom (MD)**		
Prod	7.875	4.5	0	9845		
Pipe	**Grade**	**Length**	**Weight**			
	Grade HCP-110 LT&C	129	11.6			
	Grade I-80 Buttress	9716	11.6			

Proposed Hole, Casing, and Cement						
String	**Hole Size**	**Casing Size**	**Top (MD)**	**Bottom (MD)**		
Surf	11	8.625	0	2380		
Pipe	**Grade**	**Length**	**Weight**			
	Grade I-80 LT&C	2380	28.0			

T9S, R21E, S.L.B.&M.



NOTES:

▲ = Section Corners Located

1. Well footages are measured at right angles to the Section Lines.
2. G.L.O. distances are shown in feet or chains. 1 chain = 66 feet.
3. The Bottom of hole bears N15°06'56"W 551.75' from the Surface Position.
4. Bearings are based on Global Positioning Satellite observations.
5. Basis of elevation is Tri-Sta "Two Water" located in the NW $\frac{1}{4}$ of Section 1, T10S, R21E, S.L.B.&M. The elevation of this Tri-Sta is shown on the Big Pack Mtn NE 7.5 Min. Quadrangle as being 5238'.

N

1000' 500' 0' 1000'

SCALE

SURVEYOR'S CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 362251
STATE OF UTAH

Kerr-McGee Oil & Gas Onshore, LP
1099 18th Street - Denver, Colorado 80202

WELL PAD - NBU 921-26J

NBU 921-26J3AS
WELL PLAT
1969' FSL, 1985' FEL (Bottom Hole)
NW $\frac{1}{4}$ SE $\frac{1}{4}$ OF SECTION 26, T9S, R21E, S.L.B.&M., UINTAH COUNTY, UTAH.

609 CONSULTING, LLC
371 Coffeen Avenue
Sheridan WY 82801
Phone 307-674-0609
Fax 307-674-0182

TIMBERLINE (435) 789-1365
ENGINEERING & LAND SURVEYING, INC.
209 NORTH 300 WEST - VERNAL, UTAH 84078

DATE SURVEYED: 08-06-09	SURVEYED BY: M.S.B.	SHEET NO: 5
DATE DRAWN: 08-10-09	DRAWN BY: M.W.W.	5 OF 18
SCALE: 1" = 1000'	Date Last Revised: 12-02-09 M.W.W.	

'APIWellNo:43047508830000'

ANADARKO PETROLEUM CORP.

UINTAH COUNTY, UTAH (nad 27)
NBU 921-26J Pad
NBU 921-26J3AS

NBU 921-26J3AS

Plan: PLAN #1 1-6-10 RHS

Standard Planning Report

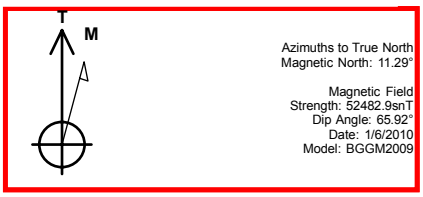
07 January, 2010

’APIWellNo:43047508830000’

Anadarko E&P Company LP

NBU 921-26J3AS
UINTAH COUNTY, UTAH (nad 27)
SECTION 26 T9S R21 E
(1437 FSL 1841 FEL)
LAT: 40° 0' 13.457 N
LONG: 109° 30' 55.357 W
RIG: H&P 298

Weatherford®



WELL DETAILS: NBU 921-26J3AS

Ground Level: 5009.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	14530868.63	2056183.17	40° 0' 13.457 N	109° 30' 55.357 W	

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
1513.00	1514.30	GREEN RIVER
4782.00	4847.74	WASATCH
8997.00	9062.74	MESAVERDE

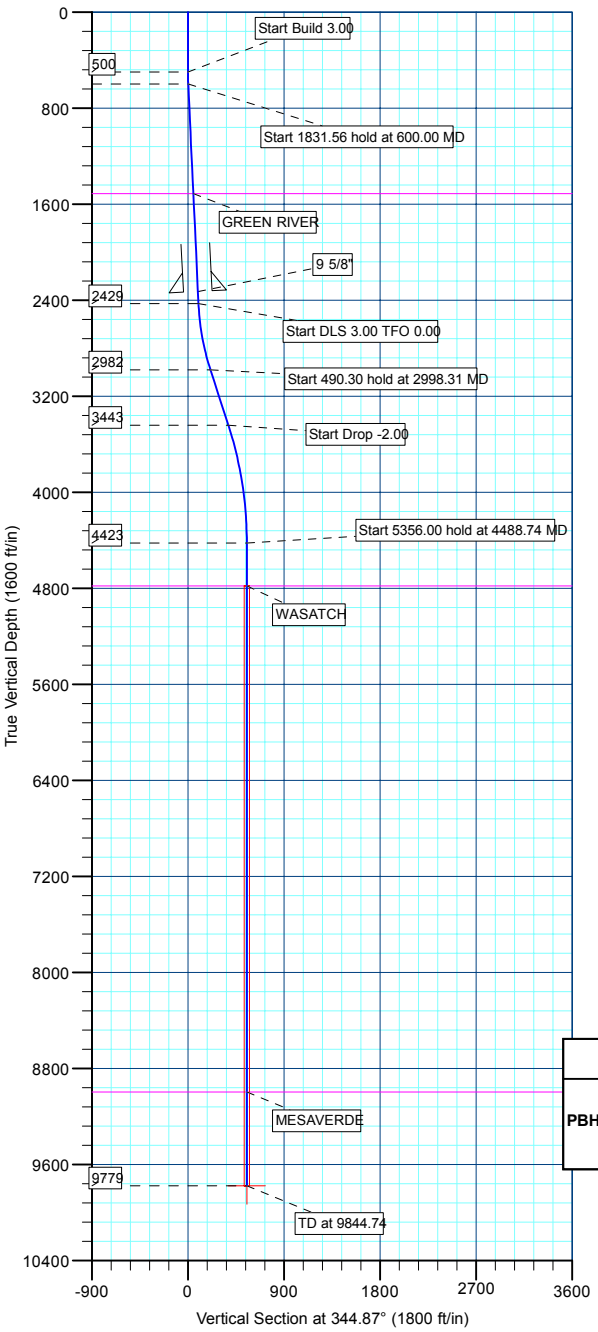
SECTION DETAILS

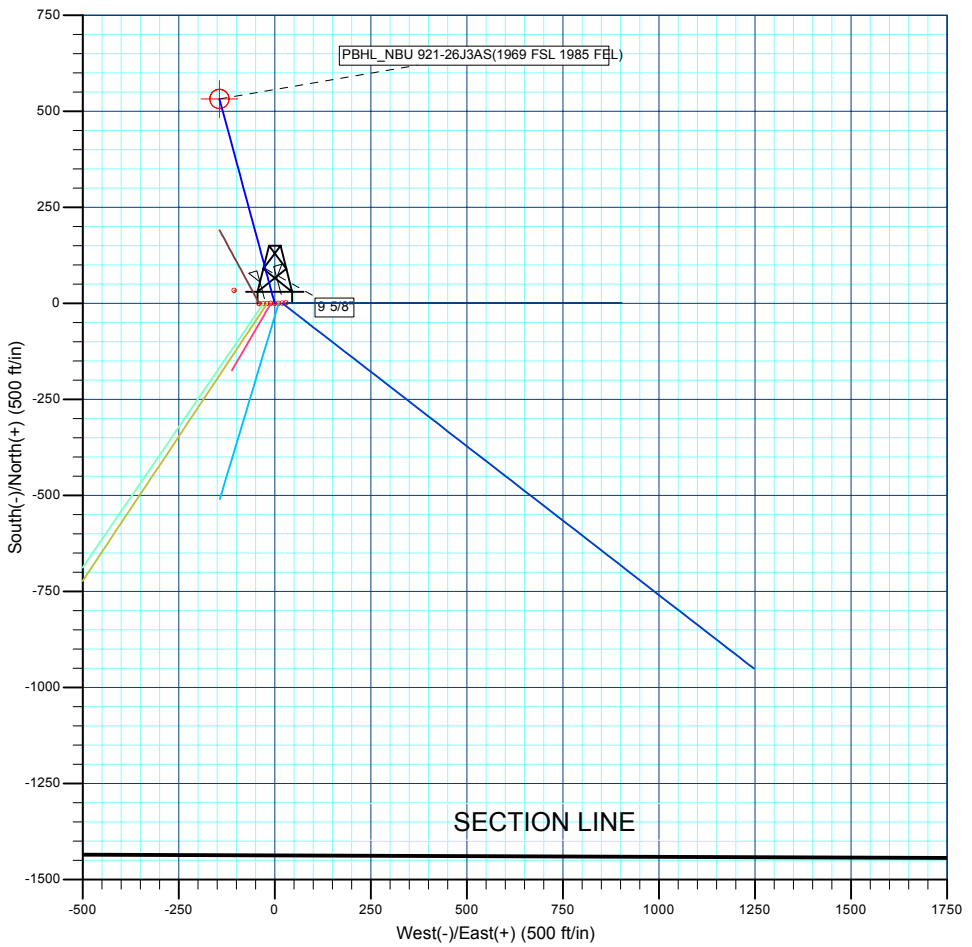
MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	
600.00	3.00	344.87	599.95	2.53	-0.68	3.00	344.87	2.62	
2431.56	3.00	344.87	2429.00	95.06	-25.70	0.00	0.00	98.47	
2998.31	20.00	344.87	2982.34	203.75	-55.09	3.00	0.00	211.06	
3488.61	20.00	344.87	3443.06	365.65	-98.86	0.00	0.00	378.78	
4488.74	0.00	0.00	4423.00	532.47	-143.97	2.00	180.00	551.59	
9844.74	0.00	0.00	9779.00	532.47	-143.97	0.00	0.00	551.59	PBHL_NBU 921-26J3AS(1969 FSL 1985 FEL)

KB ELEV: WELL @ 5035.00ft (Original Well Elev)
GRD ELEV: 5009.00

CASING DETAILS

TVD	MD	Name	Size
2329.00	2331.42	9 5/8"	9.62





WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
PBHL	9779.00	532.47	-143.97	14531398.63	2056030.35	40° 0' 18.720 N	109° 30' 57.208 W	Circle (Radius: 25.00)

Plan: PLAN #1 1-6-10 RHS (NBU 921-26J3AS/NBU 921-26J3AS)

Created By: Robert H. Scott

Weatherford International Ltd.

Planning Report

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Company:	ANADARKO PETROLEUM CORP.	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Project:	UINTAH COUNTY, UTAH (nad 27)	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site:	NBU 921-26J Pad	**North Reference:**	True
Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	NBU 921-26J3AS		
Design:	PLAN #1 1-6-10 RHS		

Project UINTAH COUNTY, UTAH (nad 27),

Map System:	Universal Transverse Mercator (US Survey Fee	**System Datum:**	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Zone 12N (114 W to 108 W)		

Site NBU 921-26J Pad, SECTION 26 T9S R21 E

Site Position:		**Northing:**	14,530,870.22 ft	**Latitude:**	40° 0' 13.468 N
From:	Lat/Long	**Easting:**	2,056,213.12 ft	**Longitude:**	109° 30' 54.972 W
Position Uncertainty:	0.00 ft	**Slot Radius:**	in	**Grid Convergence:**	0.95 °

Well NBU 921-26J3AS

Well Position	**+N/-S**	-1.09 ft	**Northing:**	14,530,868.63 ft	**Latitude:**	40° 0' 13.457 N
	+E/-W	-29.97 ft	**Easting:**	2,056,183.17 ft	**Longitude:**	109° 30' 55.357 W
Position Uncertainty		0.00 ft	**Wellhead Elevation:**	ft	**Ground Level:**	5,009.00 ft

Wellbore NBU 921-26J3AS

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2009	1/6/2010	11.29	65.92	52,483

Design PLAN #1 1-6-10 RHS

Audit Notes:

Version:		**Phase:**	PLAN	**Tie On Depth:**	0.00

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	344.87

Plan Sections

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	3.00	344.87	599.95	2.53	-0.68	3.00	3.00	0.00	344.87	
2,431.56	3.00	344.87	2,429.00	95.06	-25.70	0.00	0.00	0.00	0.00	
2,998.31	20.00	344.87	2,982.34	203.75	-55.09	3.00	3.00	0.00	0.00	
3,488.61	20.00	344.87	3,443.06	365.65	-98.86	0.00	0.00	0.00	0.00	
4,488.74	0.00	0.00	4,423.00	532.47	-143.97	2.00	-2.00	0.00	180.00	
9,844.74	0.00	0.00	9,779.00	532.47	-143.97	0.00	0.00	0.00	0.00	PBHL_NBU 921-26

Weatherford International Ltd.

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Site:	NBU 921-26J Pad	**North Reference:**	True
Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	NBU 921-26J3AS		
Design:	PLAN #1 1-6-10 RHS		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
Start Build 3.00									
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
Start 1831.56 hold at 600.00 MD									
600.00	3.00	344.87	599.95	2.53	-0.68	2.62	3.00	3.00	0.00
700.00	3.00	344.87	699.82	7.58	-2.05	7.85	0.00	0.00	0.00
800.00	3.00	344.87	799.68	12.63	-3.42	13.08	0.00	0.00	0.00
900.00	3.00	344.87	899.54	17.68	-4.78	18.32	0.00	0.00	0.00
1,000.00	3.00	344.87	999.41	22.74	-6.15	23.55	0.00	0.00	0.00
1,100.00	3.00	344.87	1,099.27	27.79	-7.51	28.79	0.00	0.00	0.00
1,200.00	3.00	344.87	1,199.13	32.84	-8.88	34.02	0.00	0.00	0.00
1,300.00	3.00	344.87	1,298.99	37.89	-10.25	39.25	0.00	0.00	0.00
1,400.00	3.00	344.87	1,398.86	42.94	-11.61	44.49	0.00	0.00	0.00
1,500.00	3.00	344.87	1,498.72	48.00	-12.98	49.72	0.00	0.00	0.00
GREEN RIVER									
1,514.30	3.00	344.87	1,513.00	48.72	-13.17	50.47	0.00	0.00	0.00
1,600.00	3.00	344.87	1,598.58	53.05	-14.34	54.95	0.00	0.00	0.00
1,700.00	3.00	344.87	1,698.45	58.10	-15.71	60.19	0.00	0.00	0.00
1,800.00	3.00	344.87	1,798.31	63.15	-17.08	65.42	0.00	0.00	0.00
1,900.00	3.00	344.87	1,898.17	68.20	-18.44	70.65	0.00	0.00	0.00
2,000.00	3.00	344.87	1,998.04	73.26	-19.81	75.89	0.00	0.00	0.00
2,100.00	3.00	344.87	2,097.90	78.31	-21.17	81.12	0.00	0.00	0.00
2,200.00	3.00	344.87	2,197.76	83.36	-22.54	86.35	0.00	0.00	0.00
2,300.00	3.00	344.87	2,297.62	88.41	-23.91	91.59	0.00	0.00	0.00
9 5/8"									
2,331.42	3.00	344.87	2,329.00	90.00	-24.33	93.23	0.00	0.00	0.00
2,400.00	3.00	344.87	2,397.49	93.47	-25.27	96.82	0.00	0.00	0.00
Start DLS 3.00 TFO 0.00									
2,431.56	3.00	344.87	2,429.00	95.06	-25.70	98.47	0.00	0.00	0.00
2,500.00	5.05	344.87	2,497.27	99.70	-26.96	103.28	3.00	3.00	0.00
2,600.00	8.05	344.87	2,596.61	110.72	-29.94	114.69	3.00	3.00	0.00
2,700.00	11.05	344.87	2,695.21	126.73	-34.27	131.29	3.00	3.00	0.00
2,800.00	14.05	344.87	2,792.81	147.71	-39.94	153.02	3.00	3.00	0.00
2,900.00	17.05	344.87	2,889.13	173.60	-46.94	179.83	3.00	3.00	0.00
Start 490.30 hold at 2998.31 MD									
2,998.31	20.00	344.87	2,982.34	203.75	-55.09	211.06	3.00	3.00	0.00
3,000.00	20.00	344.87	2,983.93	204.31	-55.24	211.64	0.00	0.00	0.00
3,100.00	20.00	344.87	3,077.89	237.33	-64.17	245.85	0.00	0.00	0.00
3,200.00	20.00	344.87	3,171.86	270.35	-73.10	280.06	0.00	0.00	0.00
3,300.00	20.00	344.87	3,265.83	303.37	-82.02	314.26	0.00	0.00	0.00
3,400.00	20.00	344.87	3,359.80	336.39	-90.95	348.47	0.00	0.00	0.00
Start Drop -2.00									
3,488.61	20.00	344.87	3,443.06	365.65	-98.86	378.78	0.00	0.00	0.00
3,500.00	19.77	344.87	3,453.77	369.39	-99.87	382.65	2.00	-2.00	0.00
3,600.00	17.77	344.87	3,548.45	400.46	-108.27	414.84	2.00	-2.00	0.00
3,700.00	15.77	344.87	3,644.19	428.32	-115.81	443.70	2.00	-2.00	0.00
3,800.00	13.77	344.87	3,740.88	452.93	-122.46	469.20	2.00	-2.00	0.00
3,900.00	11.77	344.87	3,838.40	474.28	-128.23	491.31	2.00	-2.00	0.00
4,000.00	9.77	344.87	3,936.63	492.32	-133.11	510.00	2.00	-2.00	0.00
4,100.00	7.77	344.87	4,035.45	507.05	-137.09	525.26	2.00	-2.00	0.00
4,200.00	5.77	344.87	4,134.75	518.44	-140.17	537.05	2.00	-2.00	0.00
4,300.00	3.77	344.87	4,234.40	526.47	-142.35	545.38	2.00	-2.00	0.00
4,400.00	1.77	344.87	4,334.27	531.14	-143.61	550.22	2.00	-2.00	0.00
Start 5356.00 hold at 4488.74 MD									

Weatherford International Ltd.

Planning Report

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Company:	ANADARKO PETROLEUM CORP.	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Project:	UINTAH COUNTY, UTAH (nad 27)	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site:	NBU 921-26J Pad	**North Reference:**	True
Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	NBU 921-26J3AS		
Design:	PLAN #1 1-6-10 RHS		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,488.74	0.00	0.00	4,423.00	532.47	-143.97	551.59	2.00	-2.00	0.00
4,500.00	0.00	0.00	4,434.26	532.47	-143.97	551.59	0.00	0.00	0.00
4,600.00	0.00	0.00	4,534.26	532.47	-143.97	551.59	0.00	0.00	0.00
4,700.00	0.00	0.00	4,634.26	532.47	-143.97	551.59	0.00	0.00	0.00
4,800.00	0.00	0.00	4,734.26	532.47	-143.97	551.59	0.00	0.00	0.00
WASATCH									
4,847.74	0.00	0.00	4,782.00	532.47	-143.97	551.59	0.00	0.00	0.00
4,900.00	0.00	0.00	4,834.26	532.47	-143.97	551.59	0.00	0.00	0.00
5,000.00	0.00	0.00	4,934.26	532.47	-143.97	551.59	0.00	0.00	0.00
5,100.00	0.00	0.00	5,034.26	532.47	-143.97	551.59	0.00	0.00	0.00
5,200.00	0.00	0.00	5,134.26	532.47	-143.97	551.59	0.00	0.00	0.00
5,300.00	0.00	0.00	5,234.26	532.47	-143.97	551.59	0.00	0.00	0.00
5,400.00	0.00	0.00	5,334.26	532.47	-143.97	551.59	0.00	0.00	0.00
5,500.00	0.00	0.00	5,434.26	532.47	-143.97	551.59	0.00	0.00	0.00
5,600.00	0.00	0.00	5,534.26	532.47	-143.97	551.59	0.00	0.00	0.00
5,700.00	0.00	0.00	5,634.26	532.47	-143.97	551.59	0.00	0.00	0.00
5,800.00	0.00	0.00	5,734.26	532.47	-143.97	551.59	0.00	0.00	0.00
5,900.00	0.00	0.00	5,834.26	532.47	-143.97	551.59	0.00	0.00	0.00
6,000.00	0.00	0.00	5,934.26	532.47	-143.97	551.59	0.00	0.00	0.00
6,100.00	0.00	0.00	6,034.26	532.47	-143.97	551.59	0.00	0.00	0.00
6,200.00	0.00	0.00	6,134.26	532.47	-143.97	551.59	0.00	0.00	0.00
6,300.00	0.00	0.00	6,234.26	532.47	-143.97	551.59	0.00	0.00	0.00
6,400.00	0.00	0.00	6,334.26	532.47	-143.97	551.59	0.00	0.00	0.00
6,500.00	0.00	0.00	6,434.26	532.47	-143.97	551.59	0.00	0.00	0.00
6,600.00	0.00	0.00	6,534.26	532.47	-143.97	551.59	0.00	0.00	0.00
6,700.00	0.00	0.00	6,634.26	532.47	-143.97	551.59	0.00	0.00	0.00
6,800.00	0.00	0.00	6,734.26	532.47	-143.97	551.59	0.00	0.00	0.00
6,900.00	0.00	0.00	6,834.26	532.47	-143.97	551.59	0.00	0.00	0.00
7,000.00	0.00	0.00	6,934.26	532.47	-143.97	551.59	0.00	0.00	0.00
7,100.00	0.00	0.00	7,034.26	532.47	-143.97	551.59	0.00	0.00	0.00
7,200.00	0.00	0.00	7,134.26	532.47	-143.97	551.59	0.00	0.00	0.00
7,300.00	0.00	0.00	7,234.26	532.47	-143.97	551.59	0.00	0.00	0.00
7,400.00	0.00	0.00	7,334.26	532.47	-143.97	551.59	0.00	0.00	0.00
7,500.00	0.00	0.00	7,434.26	532.47	-143.97	551.59	0.00	0.00	0.00
7,600.00	0.00	0.00	7,534.26	532.47	-143.97	551.59	0.00	0.00	0.00
7,700.00	0.00	0.00	7,634.26	532.47	-143.97	551.59	0.00	0.00	0.00
7,800.00	0.00	0.00	7,734.26	532.47	-143.97	551.59	0.00	0.00	0.00
7,900.00	0.00	0.00	7,834.26	532.47	-143.97	551.59	0.00	0.00	0.00
8,000.00	0.00	0.00	7,934.26	532.47	-143.97	551.59	0.00	0.00	0.00
8,100.00	0.00	0.00	8,034.26	532.47	-143.97	551.59	0.00	0.00	0.00
8,200.00	0.00	0.00	8,134.26	532.47	-143.97	551.59	0.00	0.00	0.00
8,300.00	0.00	0.00	8,234.26	532.47	-143.97	551.59	0.00	0.00	0.00
8,400.00	0.00	0.00	8,334.26	532.47	-143.97	551.59	0.00	0.00	0.00
8,500.00	0.00	0.00	8,434.26	532.47	-143.97	551.59	0.00	0.00	0.00
8,600.00	0.00	0.00	8,534.26	532.47	-143.97	551.59	0.00	0.00	0.00
8,700.00	0.00	0.00	8,634.26	532.47	-143.97	551.59	0.00	0.00	0.00
8,800.00	0.00	0.00	8,734.26	532.47	-143.97	551.59	0.00	0.00	0.00
8,900.00	0.00	0.00	8,834.26	532.47	-143.97	551.59	0.00	0.00	0.00
9,000.00	0.00	0.00	8,934.26	532.47	-143.97	551.59	0.00	0.00	0.00
MESAVERDE									
9,062.74	0.00	0.00	8,997.00	532.47	-143.97	551.59	0.00	0.00	0.00
9,100.00	0.00	0.00	9,034.26	532.47	-143.97	551.59	0.00	0.00	0.00
9,200.00	0.00	0.00	9,134.26	532.47	-143.97	551.59	0.00	0.00	0.00
9,300.00	0.00	0.00	9,234.26	532.47	-143.97	551.59	0.00	0.00	0.00

Weatherford International Ltd.

Planning Report

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Company:	ANADARKO PETROLEUM CORP.	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Project:	UINTAH COUNTY, UTAH (nad 27)	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site:	NBU 921-26J Pad	**North Reference:**	True
Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	NBU 921-26J3AS		
Design:	PLAN #1 1-6-10 RHS		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
9,400.00	0.00	0.00	9,334.26	532.47	-143.97	551.59	0.00	0.00	0.00
9,500.00	0.00	0.00	9,434.26	532.47	-143.97	551.59	0.00	0.00	0.00
9,600.00	0.00	0.00	9,534.26	532.47	-143.97	551.59	0.00	0.00	0.00
9,700.00	0.00	0.00	9,634.26	532.47	-143.97	551.59	0.00	0.00	0.00
9,800.00	0.00	0.00	9,734.26	532.47	-143.97	551.59	0.00	0.00	0.00
TD at 9844.74 - PBHL_NBU 921-26J3AS(1969 FSL 1985 FEL)									
9,844.74	0.00	0.00	9,779.00	532.47	-143.97	551.59	0.00	0.00	0.00

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
PBHL_NBU 921-26J3 - plan hits target center - Circle (radius 25.00)	0.00	0.00	9,779.00	532.47	-143.97	14,531,398.63	2,056,030.35	40° 0' 18.720 N	109° 30' 57.208 W

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (in)	Hole Diameter (in)
2,331.42	2,329.00	9 5/8"	9.62	12.25

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
1,514.30	1,513.00	GREEN RIVER			
4,847.74	4,782.00	WASATCH			
9,062.74	8,997.00	MESAVERDE			

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
500.00	500.00	0.00	0.00	Start Build 3.00
600.00	599.95	2.53	-0.68	Start 1831.56 hold at 600.00 MD
2,431.56	2,429.00	95.06	-25.70	Start DLS 3.00 TFO 0.00
2,998.31	2,982.34	203.75	-55.09	Start 490.30 hold at 2998.31 MD
3,488.61	3,443.06	365.65	-98.86	Start Drop -2.00
4,488.74	4,423.00	532.47	-143.97	Start 5356.00 hold at 4488.74 MD
9,844.74	9,779.00	532.47	-143.97	TD at 9844.74

'APIWellNo:43047508830000'

ANADARKO PETROLEUM CORP.

UINTAH COUNTY, UTAH (nad 27)
NBU 921-26J Pad
NBU 921-26J3AS

NBU 921-26J3AS
PLAN #1 1-6-10 RHS

Anticollision Report

07 January, 2010

Weatherford International Ltd.

Anticollision Report

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Reference PLAN #1 1-6-10 RHS

Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	Stations	**Error Model:**	ISCWSA
Depth Range:	0.00 to 20,000.00ft	**Scan Method:**	Closest Approach 3D
Results Limited by:	Maximum center-center distance of 10,000.00ft	**Error Surface:**	Elliptical Conic
Warning Levels Evaluated at:	2.00 **Sigma**		

Survey Tool Program **Date** 1/6/2010

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
0.00	9,844.74	PLAN #1 1-6-10 RHS (NBU 921-26J3AS)	MWD	MWD - Standard

Summary

Site Name Offset Well - Wellbore - Design	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
NBU 921-26J Pad						
NBU 154 EXISTING - NBU 154 EXISTING - NBU 154 E)	1,691.88	1,664.33	92.65	24.29	1.355	Level 3, CC
NBU 154 EXISTING - NBU 154 EXISTING - NBU 154 E)	2,500.00	2,471.27	102.36	-0.14	0.999	Level 1, ES, SF
NBU 921-26I3DS - NBU 921-26I3DS - PLAN #1 1-6-10 F	300.00	300.00	29.99	28.93	28.150	CC, ES
NBU 921-26I3DS - NBU 921-26I3DS - PLAN #1 1-6-10 F	1,100.00	1,096.28	79.92	75.28	17.224	SF
NBU 921-26J3DS - NBU 921-26J3DS - PLAN #1 1-6-10	300.00	300.00	40.06	39.00	37.602	CC, ES
NBU 921-26J3DS - NBU 921-26J3DS - PLAN #1 1-6-10	2,800.00	2,796.21	71.19	57.91	5.363	SF
NBU 921-26O1BS - NBU 921-26O1BS - PLAN #1 1-6-10	600.27	600.23	9.73	7.32	4.032	CC, ES
NBU 921-26O1BS - NBU 921-26O1BS - PLAN #1 1-6-10	700.00	699.82	11.04	8.18	3.853	SF
NBU 921-26O2CS - NBU 921-26O2CS - PLAN #1 1-6-1(	686.02	685.86	29.12	26.32	10.394	CC
NBU 921-26O2CS - NBU 921-26O2CS - PLAN #1 1-6-1(	700.00	699.82	29.13	26.27	10.168	ES
NBU 921-26O2CS - NBU 921-26O2CS - PLAN #1 1-6-1(	1,200.00	1,199.13	39.64	34.50	7.700	SF
NBU 921-26O2DS - NBU 921-26O2DS - PLAN #1 1-6-1(	436.39	436.44	9.55	7.91	5.819	CC, ES
NBU 921-26O2DS - NBU 921-26O2DS - PLAN #1 1-6-1(	500.00	499.96	10.11	8.19	5.280	SF
NBU 921-26O3BS - NBU 921-26O3BS - PLAN #1 1-6-10	300.00	300.00	19.89	18.82	18.670	CC, ES
NBU 921-26O3BS - NBU 921-26O3BS - PLAN #1 1-6-10	600.00	598.93	28.67	26.32	12.193	SF
NBU 921-26P4BS - NBU 921-26P4BS - PLAN #1 1-6-10	500.00	500.00	19.90	17.94	10.130	CC, ES
NBU 921-26P4BS - NBU 921-26P4BS - PLAN #1 1-6-10	800.00	799.68	26.17	22.85	7.890	SF

Offset Design NBU 921-26J Pad - NBU 154 EXISTING - NBU 154 EXISTING - NBU 154 EXISTING

Offset Site Error: 0.00 ft

Survey Program: 0-UNKNOWN **Offset Well Error:** 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	-72.31	33.51	-105.04	113.28				
100.00	100.00	74.00	74.00	0.08	1.48	-72.31	33.51	-105.04	110.25	108.69	1.56	70.529	
200.00	200.00	174.00	174.00	0.31	4.96	-72.31	33.51	-105.04	110.25	104.98	5.27	20.929	
300.00	300.00	274.00	274.00	0.53	8.96	-72.31	33.51	-105.04	110.25	100.76	9.49	11.614	
400.00	400.00	374.00	374.00	0.76	12.96	-72.31	33.51	-105.04	110.25	96.53	13.72	8.037	
500.00	500.00	474.00	474.00	0.98	16.96	-72.31	33.51	-105.04	110.25	92.31	17.94	6.145	
600.00	599.95	573.95	573.95	1.21	20.96	-58.37	33.51	-105.04	108.86	86.70	22.16	4.913	
700.00	699.82	673.82	673.82	1.44	24.95	-60.77	33.51	-105.04	106.20	79.82	26.38	4.026	
800.00	799.68	773.68	773.68	1.67	28.95	-63.29	33.51	-105.04	103.74	73.14	30.60	3.390	
900.00	899.54	873.54	873.54	1.90	32.94	-65.93	33.51	-105.04	101.50	66.67	34.83	2.914	
1,000.00	999.41	973.41	973.41	2.14	36.94	-68.68	33.51	-105.04	99.47	60.42	39.06	2.547	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Weatherford International Ltd.

Anticollision Report

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 154 EXISTING - NBU 154 EXISTING - NBU 154 EXISTING

Offset Site Error: 0.00 ft

Survey Program: 0-UNKNOWN

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
1,100.00	1,099.27	1,073.27	1,073.27	2.37	40.93	-71.54	33.51	-105.04	97.69	54.40	43.29	2.257	
1,200.00	1,199.13	1,173.13	1,173.13	2.61	44.93	-74.49	33.51	-105.04	96.16	48.63	47.53	2.023	
1,300.00	1,298.99	1,272.99	1,272.99	2.85	48.92	-77.53	33.51	-105.04	94.89	43.13	51.76	1.833	
1,400.00	1,398.86	1,372.86	1,372.86	3.09	52.91	-80.65	33.51	-105.04	93.90	37.90	56.00	1.677	
1,500.00	1,498.72	1,472.72	1,472.72	3.33	56.91	-83.82	33.51	-105.04	93.19	32.96	60.23	1.547	
1,600.00	1,598.58	1,572.58	1,572.58	3.57	60.90	-87.03	33.51	-105.04	92.77	28.30	64.47	1.439	Level 3
1,691.88	1,690.33	1,664.33	1,664.33	3.79	64.57	-90.00	33.51	-105.04	92.65	24.29	68.36	1.355	Level 3, CC
1,700.00	1,698.45	1,672.45	1,672.45	3.81	64.90	-90.26	33.51	-105.04	92.65	23.94	68.71	1.348	Level 3
1,800.00	1,798.31	1,772.31	1,772.31	4.05	68.89	-93.49	33.51	-105.04	92.82	19.88	72.94	1.273	Level 3
1,900.00	1,898.17	1,872.17	1,872.17	4.29	72.89	-96.70	33.51	-105.04	93.29	16.11	77.18	1.209	Level 2
2,000.00	1,998.04	1,972.04	1,972.04	4.53	76.88	-99.86	33.51	-105.04	94.04	12.63	81.41	1.155	Level 2
2,100.00	2,097.90	2,071.90	2,071.90	4.78	80.88	-102.97	33.51	-105.04	95.08	9.44	85.64	1.110	Level 2
2,200.00	2,197.76	2,171.76	2,171.76	5.02	84.87	-105.99	33.51	-105.04	96.39	6.52	89.87	1.073	Level 2
2,300.00	2,297.62	2,271.62	2,271.62	5.26	88.86	-108.93	33.51	-105.04	97.96	3.87	94.10	1.041	Level 2
2,400.00	2,397.49	2,371.49	2,371.49	5.50	92.86	-111.77	33.51	-105.04	99.79	1.46	98.32	1.015	Level 2
2,431.56	2,429.00	2,403.00	2,403.00	5.58	94.12	-112.65	33.51	-105.04	100.41	0.76	99.66	1.008	Level 2
2,500.00	2,497.27	2,471.27	2,471.27	5.75	96.85	-115.07	33.51	-105.04	102.36	-0.14	102.50	0.999	Level 1, ES, SF
2,600.00	2,596.61	2,570.61	2,570.61	6.03	100.82	-120.41	33.51	-105.04	107.71	1.17	106.54	1.011	Level 2
2,700.00	2,695.21	2,669.21	2,669.21	6.34	104.77	-127.15	33.51	-105.04	117.05	6.77	110.28	1.061	Level 2
2,800.00	2,792.81	2,766.81	2,766.81	6.70	108.67	-134.32	33.51	-105.04	131.46	17.91	113.55	1.158	Level 2
2,900.00	2,889.13	2,863.13	2,863.13	7.10	112.53	-141.09	33.51	-105.04	151.66	35.44	116.22	1.305	Level 3
2,998.31	2,982.34	2,956.34	2,956.34	7.57	116.25	-146.91	33.51	-105.04	177.42	59.18	118.24	1.500	
3,000.00	2,983.93	2,957.93	2,957.93	7.57	116.32	-147.01	33.51	-105.04	177.91	59.62	118.29	1.504	
3,100.00	3,077.89	3,051.89	3,051.89	8.09	120.08	-152.08	33.51	-105.04	207.88	86.31	121.57	1.710	
3,200.00	3,171.86	3,145.86	3,145.86	8.63	123.83	-155.89	33.51	-105.04	238.98	113.98	125.01	1.912	
3,300.00	3,265.83	3,239.83	3,239.83	9.19	127.59	-158.82	33.51	-105.04	270.84	142.29	128.55	2.107	
3,400.00	3,359.80	3,333.80	3,333.80	9.76	131.35	-161.14	33.51	-105.04	303.21	171.04	132.17	2.294	
3,488.61	3,443.06	3,417.06	3,417.06	10.28	134.68	-162.83	33.51	-105.04	332.20	196.78	135.42	2.453	
3,500.00	3,453.77	3,427.77	3,427.77	10.34	135.11	-163.04	33.51	-105.04	335.92	199.92	136.00	2.470	
3,600.00	3,548.45	3,522.45	3,522.45	10.81	138.90	-164.68	33.51	-105.04	366.96	225.81	141.16	2.600	
3,700.00	3,644.19	3,618.19	3,618.19	11.25	142.73	-165.92	33.51	-105.04	394.96	248.61	146.34	2.699	
3,800.00	3,740.88	3,714.88	3,714.88	11.67	146.60	-166.88	33.51	-105.04	419.79	268.28	151.51	2.771	
3,900.00	3,838.40	3,812.40	3,812.40	12.05	150.50	-167.63	33.51	-105.04	441.38	284.76	156.62	2.818	
4,000.00	3,936.63	3,910.63	3,910.63	12.40	154.43	-168.21	33.51	-105.04	459.67	298.04	161.64	2.844	
4,100.00	4,035.45	4,009.45	4,009.45	12.71	158.38	-168.64	33.51	-105.04	474.63	308.08	166.54	2.850	
4,200.00	4,134.75	4,108.75	4,108.75	12.98	162.35	-168.96	33.51	-105.04	486.20	314.89	171.31	2.838	
4,300.00	4,234.40	4,208.40	4,208.40	13.21	166.34	-169.18	33.51	-105.04	494.37	318.47	175.91	2.810	
4,400.00	4,334.27	4,308.27	4,308.27	13.40	170.33	-169.30	33.51	-105.04	499.13	318.80	180.33	2.768	
4,488.74	4,423.00	4,397.00	4,397.00	13.53	173.88	175.54	33.51	-105.04	500.48	316.41	184.07	2.719	
4,500.00	4,434.26	4,408.26	4,408.26	13.54	174.33	175.54	33.51	-105.04	500.48	315.94	184.55	2.712	
4,600.00	4,534.26	4,508.26	4,508.26	13.70	178.33	175.54	33.51	-105.04	500.48	311.73	188.75	2.652	
4,700.00	4,634.26	4,608.26	4,608.26	13.85	182.33	175.54	33.51	-105.04	500.48	307.53	192.95	2.594	
4,800.00	4,734.26	4,708.26	4,708.26	14.01	186.33	175.54	33.51	-105.04	500.48	303.33	197.15	2.539	
4,900.00	4,834.26	4,808.26	4,808.26	14.17	190.33	175.54	33.51	-105.04	500.48	299.13	201.35	2.486	
5,000.00	4,934.26	4,908.26	4,908.26	14.33	194.33	175.54	33.51	-105.04	500.48	294.92	205.56	2.435	
5,100.00	5,034.26	5,008.26	5,008.26	14.49	198.33	175.54	33.51	-105.04	500.48	290.72	209.76	2.386	
5,200.00	5,134.26	5,108.26	5,108.26	14.65	202.33	175.54	33.51	-105.04	500.48	286.51	213.97	2.339	
5,300.00	5,234.26	5,208.26	5,208.26	14.82	206.33	175.54	33.51	-105.04	500.48	282.30	218.18	2.294	
5,400.00	5,334.26	5,308.26	5,308.26	14.98	210.33	175.54	33.51	-105.04	500.48	278.10	222.38	2.251	
5,500.00	5,434.26	5,408.26	5,408.26	15.15	214.33	175.54	33.51	-105.04	500.48	273.89	226.59	2.209	
5,600.00	5,534.26	5,508.26	5,508.26	15.32	218.33	175.54	33.51	-105.04	500.48	269.68	230.80	2.168	
5,700.00	5,634.26	5,608.26	5,608.26	15.49	222.33	175.54	33.51	-105.04	500.48	265.47	235.01	2.130	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Weatherford International Ltd.

Anticollision Report

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 154 EXISTING - NBU 154 EXISTING - NBU 154 EXISTING

Offset Site Error: 0.00 ft

Survey Program: 0-UNKNOWN

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
5,800.00	5,734.26	5,708.26	5,708.26	15.66	226.33	175.54	33.51	-105.04	500.48	261.26	239.22	2.092	
5,900.00	5,834.26	5,808.26	5,808.26	15.84	230.33	175.54	33.51	-105.04	500.48	257.05	243.43	2.056	
6,000.00	5,934.26	5,908.26	5,908.26	16.01	234.33	175.54	33.51	-105.04	500.48	252.84	247.64	2.021	
6,100.00	6,034.26	6,008.26	6,008.26	16.19	238.33	175.54	33.51	-105.04	500.48	248.63	251.85	1.987	
6,200.00	6,134.26	6,108.26	6,108.26	16.36	242.33	175.54	33.51	-105.04	500.48	244.42	256.06	1.955	
6,300.00	6,234.26	6,208.26	6,208.26	16.54	246.33	175.54	33.51	-105.04	500.48	240.21	260.27	1.923	
6,400.00	6,334.26	6,308.26	6,308.26	16.72	250.33	175.54	33.51	-105.04	500.48	235.99	264.49	1.892	
6,500.00	6,434.26	6,408.26	6,408.26	16.90	254.33	175.54	33.51	-105.04	500.48	231.78	268.70	1.863	
6,600.00	6,534.26	6,508.26	6,508.26	17.08	258.33	175.54	33.51	-105.04	500.48	227.57	272.91	1.834	
6,700.00	6,634.26	6,608.26	6,608.26	17.27	262.33	175.54	33.51	-105.04	500.48	223.35	277.13	1.806	
6,800.00	6,734.26	6,708.26	6,708.26	17.45	266.33	175.54	33.51	-105.04	500.48	219.14	281.34	1.779	
6,900.00	6,834.26	6,808.26	6,808.26	17.63	270.33	175.54	33.51	-105.04	500.48	214.93	285.55	1.753	
7,000.00	6,934.26	6,908.26	6,908.26	17.82	274.33	175.54	33.51	-105.04	500.48	210.71	289.77	1.727	
7,100.00	7,034.26	7,008.26	7,008.26	18.01	278.33	175.54	33.51	-105.04	500.48	206.50	293.98	1.702	
7,200.00	7,134.26	7,108.26	7,108.26	18.19	282.33	175.54	33.51	-105.04	500.48	202.28	298.20	1.678	
7,300.00	7,234.26	7,208.26	7,208.26	18.38	286.33	175.54	33.51	-105.04	500.48	198.07	302.41	1.655	
7,400.00	7,334.26	7,308.26	7,308.26	18.57	290.33	175.54	33.51	-105.04	500.48	193.85	306.63	1.632	
7,500.00	7,434.26	7,408.26	7,408.26	18.76	294.33	175.54	33.51	-105.04	500.48	189.64	310.84	1.610	
7,600.00	7,534.26	7,508.26	7,508.26	18.95	298.33	175.54	33.51	-105.04	500.48	185.42	315.06	1.589	
7,700.00	7,634.26	7,608.26	7,608.26	19.14	302.33	175.54	33.51	-105.04	500.48	181.20	319.28	1.568	
7,800.00	7,734.26	7,708.26	7,708.26	19.33	306.33	175.54	33.51	-105.04	500.48	176.99	323.49	1.547	
7,900.00	7,834.26	7,808.26	7,808.26	19.53	310.33	175.54	33.51	-105.04	500.48	172.77	327.71	1.527	
8,000.00	7,934.26	7,908.26	7,908.26	19.72	314.33	175.54	33.51	-105.04	500.48	168.55	331.93	1.508	
8,100.00	8,034.26	8,008.26	8,008.26	19.91	318.33	175.54	33.51	-105.04	500.48	164.34	336.14	1.489	Level 3
8,200.00	8,134.26	8,108.26	8,108.26	20.11	322.33	175.54	33.51	-105.04	500.48	160.12	340.36	1.470	Level 3
8,300.00	8,234.26	8,208.26	8,208.26	20.30	326.33	175.54	33.51	-105.04	500.48	155.90	344.58	1.452	Level 3
8,400.00	8,334.26	8,308.26	8,308.26	20.50	330.33	175.54	33.51	-105.04	500.48	151.69	348.79	1.435	Level 3
8,500.00	8,434.26	8,408.26	8,408.26	20.70	334.33	175.54	33.51	-105.04	500.48	147.47	353.01	1.418	Level 3
8,600.00	8,534.26	8,508.26	8,508.26	20.89	338.33	175.54	33.51	-105.04	500.48	143.25	357.23	1.401	Level 3
8,700.00	8,634.26	8,608.26	8,608.26	21.09	342.33	175.54	33.51	-105.04	500.48	139.03	361.45	1.385	Level 3
8,800.00	8,734.26	8,708.26	8,708.26	21.29	346.33	175.54	33.51	-105.04	500.48	134.81	365.67	1.369	Level 3
8,900.00	8,834.26	8,808.26	8,808.26	21.49	350.33	175.54	33.51	-105.04	500.48	130.60	369.88	1.353	Level 3
9,000.00	8,934.26	8,908.26	8,908.26	21.69	354.33	175.54	33.51	-105.04	500.48	126.38	374.10	1.338	Level 3
9,100.00	9,034.26	9,008.26	9,008.26	21.89	358.33	175.54	33.51	-105.04	500.48	122.16	378.32	1.323	Level 3
9,200.00	9,134.26	9,108.26	9,108.26	22.09	362.33	175.54	33.51	-105.04	500.48	117.94	382.54	1.308	Level 3
9,300.00	9,234.26	9,208.26	9,208.26	22.29	366.33	175.54	33.51	-105.04	500.48	113.72	386.76	1.294	Level 3
9,400.00	9,334.26	9,308.26	9,308.26	22.49	370.33	175.54	33.51	-105.04	500.48	109.50	390.98	1.280	Level 3
9,500.00	9,434.26	9,408.26	9,408.26	22.69	374.33	175.54	33.51	-105.04	500.48	105.28	395.20	1.266	Level 3
9,600.00	9,534.26	9,508.26	9,508.26	22.89	378.33	175.54	33.51	-105.04	500.48	101.06	399.42	1.253	Level 3
9,700.00	9,634.26	9,608.26	9,608.26	23.09	382.33	175.54	33.51	-105.04	500.48	96.84	403.64	1.240	Level 2
9,800.00	9,734.26	9,708.26	9,708.26	23.30	386.33	175.54	33.51	-105.04	500.48	92.62	407.86	1.227	Level 2
9,844.74	9,779.00	9,753.00	9,753.00	23.39	388.12	175.54	33.51	-105.04	500.48	90.74	409.74	1.221	Level 2

Weatherford International Ltd.

Anticollision Report

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26I3DS - NBU 921-26I3DS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 0-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	87.91	1.09	29.97	29.99				
100.00	100.00	100.00	100.00	0.08	0.08	87.91	1.09	29.97	29.99	29.82	0.17	180.310	
200.00	200.00	200.00	200.00	0.31	0.31	87.91	1.09	29.97	29.99	29.37	0.62	48.697	
300.00	300.00	300.00	300.00	0.53	0.53	87.91	1.09	29.97	29.99	28.93	1.07	28.150	CC, ES
400.00	400.00	398.93	398.91	0.76	0.74	88.02	1.09	31.68	31.72	30.21	1.50	21.117	
500.00	500.00	498.23	498.09	0.98	0.96	88.28	1.10	36.42	36.49	34.55	1.94	18.792	
600.00	599.95	598.01	597.74	1.21	1.19	106.89	1.10	41.64	42.41	40.03	2.38	17.799	
700.00	699.82	697.66	697.25	1.44	1.42	112.50	1.10	46.86	49.40	46.58	2.83	17.481	
800.00	799.68	797.32	796.77	1.67	1.65	116.70	1.10	52.07	56.75	53.47	3.28	17.327	
900.00	899.54	896.97	896.29	1.90	1.89	119.92	1.10	57.29	64.33	60.60	3.73	17.255	
1,000.00	999.41	996.63	995.81	2.14	2.13	122.45	1.11	62.50	72.07	67.89	4.18	17.228	
1,100.00	1,099.27	1,096.28	1,095.33	2.37	2.37	124.50	1.11	67.72	79.92	75.28	4.64	17.224	SF
1,200.00	1,199.13	1,195.94	1,194.85	2.61	2.61	126.17	1.11	72.94	87.86	82.76	5.10	17.233	
1,300.00	1,298.99	1,295.59	1,294.36	2.85	2.85	127.57	1.11	78.15	95.85	90.30	5.56	17.248	
1,400.00	1,398.86	1,395.25	1,393.88	3.09	3.09	128.75	1.12	83.37	103.90	97.88	6.02	17.267	
1,500.00	1,498.72	1,494.90	1,493.40	3.33	3.34	129.76	1.12	88.58	111.98	105.51	6.48	17.288	
1,600.00	1,598.58	1,594.55	1,592.92	3.57	3.58	130.63	1.12	93.80	120.10	113.16	6.94	17.309	
1,700.00	1,698.45	1,694.21	1,692.44	3.81	3.82	131.40	1.12	99.01	128.23	120.83	7.40	17.330	
1,800.00	1,798.31	1,793.86	1,791.95	4.05	4.06	132.07	1.12	104.23	136.39	128.53	7.86	17.351	
1,900.00	1,898.17	1,893.52	1,891.47	4.29	4.31	132.67	1.13	109.44	144.57	136.24	8.32	17.371	
2,000.00	1,998.04	1,993.17	1,990.99	4.53	4.55	133.20	1.13	114.66	152.75	143.97	8.78	17.389	
2,100.00	2,097.90	2,092.83	2,090.51	4.78	4.79	133.68	1.13	119.88	160.95	151.71	9.25	17.407	
2,200.00	2,197.76	2,192.48	2,190.03	5.02	5.03	134.11	1.13	125.09	169.16	159.45	9.71	17.424	
2,300.00	2,297.62	2,292.14	2,289.54	5.26	5.28	134.50	1.14	130.31	177.38	167.21	10.17	17.440	
2,400.00	2,397.49	2,391.79	2,389.06	5.50	5.52	134.86	1.14	135.52	185.61	174.97	10.63	17.455	
2,431.56	2,429.00	2,422.34	2,419.56	5.58	5.60	134.96	1.14	137.15	188.23	177.45	10.78	17.465	
2,500.00	2,497.27	2,484.88	2,481.94	5.75	5.76	135.03	1.14	141.79	196.02	184.94	11.08	17.695	
2,600.00	2,596.61	2,574.92	2,571.38	6.03	6.02	135.22	1.15	152.05	213.92	202.39	11.53	18.558	
2,700.00	2,695.21	2,662.67	2,657.98	6.34	6.30	135.45	1.15	166.10	239.38	227.39	11.99	19.972	
2,800.00	2,792.81	2,747.44	2,740.96	6.70	6.61	135.61	1.16	183.43	272.14	259.69	12.45	21.854	
2,900.00	2,889.13	2,828.67	2,819.67	7.10	6.94	135.65	1.17	203.48	311.87	298.94	12.93	24.118	
2,998.31	2,982.34	2,900.00	2,888.03	7.57	7.26	135.46	1.18	223.83	357.38	343.98	13.40	26.663	
3,000.00	2,983.93	2,905.90	2,893.65	7.57	7.29	135.54	1.18	225.62	358.18	344.76	13.43	26.677	
3,100.00	3,077.89	2,979.97	2,963.71	8.09	7.67	136.25	1.19	249.66	409.01	394.98	14.03	29.150	
3,200.00	3,171.86	3,065.22	3,043.82	8.63	8.15	136.77	1.20	278.81	461.17	446.48	14.69	31.396	
3,300.00	3,265.83	3,150.47	3,123.93	9.19	8.64	137.18	1.21	307.97	513.35	497.99	15.36	33.417	
3,400.00	3,359.80	3,235.73	3,204.04	9.76	9.14	137.52	1.23	337.13	565.55	549.50	16.06	35.226	
3,488.61	3,443.06	3,311.27	3,275.03	10.28	9.60	137.77	1.24	362.97	611.82	595.13	16.68	36.673	
3,500.00	3,453.77	3,320.99	3,284.16	10.34	9.66	137.89	1.24	366.29	617.75	600.98	16.77	36.837	
3,600.00	3,548.45	3,407.08	3,365.06	10.81	10.19	138.77	1.25	395.74	668.60	651.10	17.50	38.208	
3,700.00	3,644.19	3,494.48	3,447.19	11.25	10.75	139.36	1.26	425.63	717.17	698.93	18.24	39.325	
3,800.00	3,740.88	3,583.06	3,530.43	11.67	11.31	139.73	1.28	455.93	763.42	744.45	18.97	40.235	
3,900.00	3,838.40	3,672.73	3,614.69	12.05	11.90	139.91	1.29	486.60	807.33	787.62	19.70	40.977	
4,000.00	3,936.63	3,763.37	3,699.87	12.40	12.49	139.93	1.30	517.60	848.87	828.45	20.41	41.583	
4,100.00	4,035.45	3,854.88	3,785.85	12.71	13.10	139.80	1.32	548.89	888.06	866.95	21.10	42.080	
4,200.00	4,134.75	3,947.13	3,872.55	12.98	13.72	139.54	1.33	580.45	924.90	903.13	21.77	42.491	
4,300.00	4,234.40	4,040.03	3,959.84	13.21	14.34	139.17	1.35	612.22	959.43	937.03	22.40	42.836	
4,400.00	4,334.27	4,133.45	4,047.63	13.40	14.98	138.68	1.36	644.17	991.68	968.69	22.99	43.132	
4,488.74	4,423.00	4,216.71	4,125.86	13.53	15.54	123.04	1.37	672.65	1,018.44	994.95	23.49	43.365	
4,500.00	4,434.26	4,227.29	4,135.80	13.54	15.62	122.92	1.37	676.26	1,021.73	998.18	23.55	43.395	
4,600.00	4,534.26	4,321.26	4,224.11	13.70	16.26	121.93	1.39	708.40	1,051.09	1,027.01	24.08	43.647	
4,700.00	4,634.26	4,429.91	4,326.33	13.85	16.95	120.85	1.40	745.24	1,080.53	1,055.89	24.64	43.853	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Weatherford International Ltd.

Anticollision Report

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26I3DS - NBU 921-26I3DS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 0-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
4,800.00	4,734.26	4,572.93	4,462.57	14.01	17.66	119.66	1.42	788.66	1,107.07	1,081.84	25.23	43.876	
4,900.00	4,834.26	4,720.22	4,604.98	14.17	18.30	118.69	1.44	826.21	1,129.52	1,103.72	25.80	43.784	
5,000.00	4,934.26	4,871.18	4,752.74	14.33	18.86	117.95	1.45	857.05	1,147.59	1,121.26	26.33	43.579	
5,100.00	5,034.26	5,025.08	4,904.84	14.49	19.31	117.40	1.46	880.44	1,161.09	1,134.25	26.84	43.260	
5,200.00	5,134.26	5,181.09	5,060.08	14.65	19.67	117.05	1.47	895.77	1,169.84	1,142.53	27.31	42.832	
5,300.00	5,234.26	5,338.33	5,217.14	14.82	19.92	116.90	1.47	902.66	1,173.74	1,145.99	27.75	42.295	
5,400.00	5,334.26	5,455.45	5,334.26	14.98	20.06	116.89	1.47	903.04	1,173.96	1,145.84	28.12	41.751	
5,500.00	5,434.26	5,555.45	5,434.26	15.15	20.18	116.89	1.47	903.04	1,173.96	1,145.50	28.46	41.247	
5,600.00	5,534.26	5,655.45	5,534.26	15.32	20.30	116.89	1.47	903.04	1,173.96	1,145.15	28.81	40.752	
5,700.00	5,634.26	5,755.45	5,634.26	15.49	20.43	116.89	1.47	903.04	1,173.96	1,144.80	29.16	40.264	
5,800.00	5,734.26	5,855.45	5,734.26	15.66	20.55	116.89	1.47	903.04	1,173.96	1,144.45	29.51	39.785	
5,900.00	5,834.26	5,955.45	5,834.26	15.84	20.68	116.89	1.47	903.04	1,173.96	1,144.10	29.86	39.313	
6,000.00	5,934.26	6,055.45	5,934.26	16.01	20.81	116.89	1.47	903.04	1,173.96	1,143.74	30.22	38.849	
6,100.00	6,034.26	6,155.45	6,034.26	16.19	20.94	116.89	1.47	903.04	1,173.96	1,143.38	30.58	38.393	
6,200.00	6,134.26	6,255.45	6,134.26	16.36	21.07	116.89	1.47	903.04	1,173.96	1,143.02	30.94	37.944	
6,300.00	6,234.26	6,355.45	6,234.26	16.54	21.21	116.89	1.47	903.04	1,173.96	1,142.66	31.30	37.503	
6,400.00	6,334.26	6,455.45	6,334.26	16.72	21.34	116.89	1.47	903.04	1,173.96	1,142.29	31.67	37.070	
6,500.00	6,434.26	6,555.45	6,434.26	16.90	21.48	116.89	1.47	903.04	1,173.96	1,141.92	32.04	36.644	
6,600.00	6,534.26	6,655.45	6,534.26	17.08	21.62	116.89	1.47	903.04	1,173.96	1,141.55	32.41	36.226	
6,700.00	6,634.26	6,755.45	6,634.26	17.27	21.76	116.89	1.47	903.04	1,173.96	1,141.18	32.78	35.815	
6,800.00	6,734.26	6,855.45	6,734.26	17.45	21.90	116.89	1.47	903.04	1,173.96	1,140.81	33.15	35.411	
6,900.00	6,834.26	6,955.45	6,834.26	17.63	22.04	116.89	1.47	903.04	1,173.96	1,140.43	33.53	35.014	
7,000.00	6,934.26	7,055.45	6,934.26	17.82	22.19	116.89	1.47	903.04	1,173.96	1,140.05	33.91	34.624	
7,100.00	7,034.26	7,155.45	7,034.26	18.01	22.33	116.89	1.47	903.04	1,173.96	1,139.68	34.29	34.241	
7,200.00	7,134.26	7,255.45	7,134.26	18.19	22.48	116.89	1.47	903.04	1,173.96	1,139.29	34.67	33.865	
7,300.00	7,234.26	7,355.45	7,234.26	18.38	22.63	116.89	1.47	903.04	1,173.96	1,138.91	35.05	33.495	
7,400.00	7,334.26	7,455.45	7,334.26	18.57	22.78	116.89	1.47	903.04	1,173.96	1,138.53	35.43	33.132	
7,500.00	7,434.26	7,555.45	7,434.26	18.76	22.93	116.89	1.47	903.04	1,173.96	1,138.14	35.82	32.775	
7,600.00	7,534.26	7,655.45	7,534.26	18.95	23.08	116.89	1.47	903.04	1,173.96	1,137.76	36.21	32.425	
7,700.00	7,634.26	7,755.45	7,634.26	19.14	23.23	116.89	1.47	903.04	1,173.96	1,137.37	36.59	32.080	
7,800.00	7,734.26	7,855.45	7,734.26	19.33	23.39	116.89	1.47	903.04	1,173.96	1,136.98	36.98	31.742	
7,900.00	7,834.26	7,955.45	7,834.26	19.53	23.54	116.89	1.47	903.04	1,173.96	1,136.59	37.38	31.410	
8,000.00	7,934.26	8,055.45	7,934.26	19.72	23.70	116.89	1.47	903.04	1,173.96	1,136.19	37.77	31.084	
8,100.00	8,034.26	8,155.45	8,034.26	19.91	23.86	116.89	1.47	903.04	1,173.96	1,135.80	38.16	30.763	
8,200.00	8,134.26	8,255.45	8,134.26	20.11	24.01	116.89	1.47	903.04	1,173.96	1,135.40	38.56	30.448	
8,300.00	8,234.26	8,355.45	8,234.26	20.30	24.17	116.89	1.47	903.04	1,173.96	1,135.01	38.95	30.138	
8,400.00	8,334.26	8,455.45	8,334.26	20.50	24.33	116.89	1.47	903.04	1,173.96	1,134.61	39.35	29.834	
8,500.00	8,434.26	8,555.45	8,434.26	20.70	24.50	116.89	1.47	903.04	1,173.96	1,134.21	39.75	29.535	
8,600.00	8,534.26	8,655.45	8,534.26	20.89	24.66	116.89	1.47	903.04	1,173.96	1,133.81	40.15	29.241	
8,700.00	8,634.26	8,755.45	8,634.26	21.09	24.82	116.89	1.47	903.04	1,173.96	1,133.41	40.55	28.952	
8,800.00	8,734.26	8,855.45	8,734.26	21.29	24.99	116.89	1.47	903.04	1,173.96	1,133.01	40.95	28.668	
8,900.00	8,834.26	8,955.45	8,834.26	21.49	25.15	116.89	1.47	903.04	1,173.96	1,132.61	41.35	28.389	
9,000.00	8,934.26	9,055.45	8,934.26	21.69	25.32	116.89	1.47	903.04	1,173.96	1,132.20	41.76	28.115	
9,100.00	9,034.26	9,155.45	9,034.26	21.89	25.49	116.89	1.47	903.04	1,173.96	1,131.80	42.16	27.845	
9,200.00	9,134.26	9,255.45	9,134.26	22.09	25.65	116.89	1.47	903.04	1,173.96	1,131.40	42.57	27.580	
9,300.00	9,234.26	9,355.45	9,234.26	22.29	25.82	116.89	1.47	903.04	1,173.96	1,130.99	42.97	27.319	
9,400.00	9,334.26	9,455.45	9,334.26	22.49	25.99	116.89	1.47	903.04	1,173.96	1,130.58	43.38	27.063	
9,500.00	9,434.26	9,555.45	9,434.26	22.69	26.16	116.89	1.47	903.04	1,173.96	1,130.17	43.79	26.811	
9,600.00	9,534.26	9,655.45	9,534.26	22.89	26.34	116.89	1.47	903.04	1,173.96	1,129.77	44.20	26.563	
9,700.00	9,634.26	9,755.45	9,634.26	23.09	26.51	116.89	1.47	903.04	1,173.96	1,129.36	44.60	26.319	
9,800.00	9,734.26	9,855.45	9,734.26	23.30	26.68	116.89	1.47	903.04	1,173.96	1,128.95	45.01	26.079	
9,844.74	9,779.00	9,857.19	9,736.00	23.39	26.68	116.89	1.47	903.04	1,174.75	1,129.64	45.11	26.040	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Weatherford International Ltd.

Anticollision Report

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Weatherford International Ltd.

Anticollision Report

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26J3DS - NBU 921-26J3DS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 0-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	-91.04	-0.73	-40.05	40.06				
100.00	100.00	100.00	100.00	0.08	0.08	-91.04	-0.73	-40.05	40.06	39.89	0.17	240.855	
200.00	200.00	200.00	200.00	0.31	0.31	-91.04	-0.73	-40.05	40.06	39.44	0.62	65.049	
300.00	300.00	300.00	300.00	0.53	0.53	-91.04	-0.73	-40.05	40.06	39.00	1.07	37.602	CC, ES
400.00	400.00	399.32	399.30	0.76	0.76	-88.90	0.79	-40.87	40.89	39.37	1.51	27.033	
500.00	500.00	498.83	498.70	0.98	0.99	-83.42	4.97	-43.14	43.44	41.48	1.97	22.108	
600.00	599.95	598.78	598.51	1.21	1.22	-65.90	9.57	-45.63	45.52	43.10	2.41	18.854	
700.00	699.82	698.77	698.36	1.44	1.45	-66.66	14.18	-48.12	46.56	43.69	2.87	16.211	
800.00	799.68	798.77	798.22	1.67	1.69	-67.39	18.78	-50.61	47.61	44.28	3.34	14.274	
900.00	899.54	898.76	898.08	1.90	1.93	-68.09	23.38	-53.10	48.67	44.87	3.80	12.799	
1,000.00	999.41	998.75	997.93	2.14	2.17	-68.75	27.99	-55.59	49.74	45.47	4.27	11.641	
1,100.00	1,099.27	1,098.74	1,097.79	2.37	2.41	-69.39	32.59	-58.08	50.81	46.07	4.74	10.709	
1,200.00	1,199.13	1,198.74	1,197.64	2.61	2.65	-70.00	37.19	-60.57	51.89	46.67	5.22	9.944	
1,300.00	1,298.99	1,298.73	1,297.50	2.85	2.89	-70.59	41.79	-63.06	52.98	47.28	5.69	9.306	
1,400.00	1,398.86	1,398.72	1,397.35	3.09	3.14	-71.15	46.40	-65.55	54.07	47.90	6.17	8.765	
1,500.00	1,498.72	1,498.72	1,497.21	3.33	3.38	-71.69	51.00	-68.04	55.16	48.52	6.65	8.301	
1,600.00	1,598.58	1,598.71	1,597.07	3.57	3.62	-72.21	55.60	-70.53	56.26	49.14	7.12	7.899	
1,700.00	1,698.45	1,698.70	1,696.92	3.81	3.86	-72.71	60.21	-73.02	57.36	49.76	7.60	7.547	
1,800.00	1,798.31	1,798.69	1,796.78	4.05	4.10	-73.19	64.81	-75.50	58.47	50.39	8.08	7.237	
1,900.00	1,898.17	1,898.69	1,896.63	4.29	4.35	-73.66	69.41	-77.99	59.59	51.03	8.56	6.962	
2,000.00	1,998.04	1,998.68	1,996.49	4.53	4.59	-74.10	74.02	-80.48	60.70	51.66	9.04	6.716	
2,100.00	2,097.90	2,098.67	2,096.34	4.78	4.83	-74.53	78.62	-82.97	61.82	52.30	9.52	6.495	
2,200.00	2,197.76	2,198.66	2,196.20	5.02	5.07	-74.95	83.22	-85.46	62.94	52.95	10.00	6.295	
2,300.00	2,297.62	2,298.66	2,296.05	5.26	5.31	-75.35	87.82	-87.95	64.07	53.59	10.48	6.114	
2,400.00	2,397.49	2,398.65	2,395.91	5.50	5.56	-75.73	92.43	-90.44	65.20	54.24	10.96	5.949	
2,431.56	2,429.00	2,430.09	2,427.30	5.58	5.63	-75.84	93.89	-91.23	65.56	54.45	11.11	5.900	
2,500.00	2,497.27	2,497.58	2,494.61	5.75	5.81	-75.97	98.25	-93.59	66.71	55.25	11.45	5.825	
2,600.00	2,596.61	2,597.51	2,594.16	6.03	6.07	-78.75	105.90	-97.74	68.01	56.01	12.00	5.667	
2,700.00	2,695.21	2,697.14	2,693.41	6.34	6.34	-85.71	113.53	-101.86	68.90	56.28	12.62	5.460	
2,800.00	2,792.81	2,796.21	2,792.11	6.70	6.60	-96.47	121.12	-105.97	71.19	57.91	13.27	5.363	SF
2,900.00	2,889.13	2,894.44	2,889.97	7.10	6.86	-109.68	128.64	-110.04	77.48	63.61	13.87	5.586	
2,998.31	2,982.34	2,989.94	2,985.10	7.57	7.12	-122.77	135.96	-114.00	89.85	75.55	14.30	6.283	
3,000.00	2,983.93	2,991.57	2,986.72	7.57	7.12	-122.99	136.08	-114.06	90.12	75.82	14.31	6.299	
3,100.00	3,077.89	3,088.08	3,082.87	8.09	7.38	-133.89	143.47	-118.06	108.34	93.67	14.67	7.384	
3,200.00	3,171.86	3,184.59	3,179.01	8.63	7.64	-141.55	150.87	-122.06	129.32	114.28	15.04	8.598	
3,300.00	3,265.83	3,281.10	3,275.15	9.19	7.90	-147.05	158.26	-126.06	151.93	136.50	15.43	9.844	
3,400.00	3,359.80	3,377.61	3,371.30	9.76	8.16	-151.12	165.65	-130.06	175.54	159.68	15.85	11.072	
3,488.61	3,443.06	3,463.13	3,456.49	10.28	8.39	-153.90	172.20	-133.60	197.00	180.76	16.25	12.127	
3,500.00	3,453.77	3,474.12	3,467.45	10.34	8.42	-154.24	173.04	-134.06	199.77	183.47	16.30	12.254	
3,600.00	3,548.45	3,571.17	3,564.12	10.81	8.68	-156.65	180.47	-138.08	222.55	205.76	16.78	13.260	
3,700.00	3,644.19	3,663.28	3,655.97	11.25	8.88	-158.38	186.51	-141.34	243.44	226.22	17.22	14.137	
3,800.00	3,740.88	3,754.24	3,746.84	11.67	9.04	-159.94	189.93	-143.20	263.89	246.26	17.62	14.975	
3,900.00	3,838.40	3,845.80	3,838.40	12.05	9.20	-161.38	190.84	-143.69	283.85	265.85	18.01	15.765	
4,000.00	3,936.63	3,944.03	3,936.63	12.40	9.39	-162.62	190.84	-143.69	301.66	283.25	18.41	16.386	
4,100.00	4,035.45	4,042.85	4,035.45	12.71	9.59	-163.53	190.84	-143.69	316.27	297.45	18.82	16.806	
4,200.00	4,134.75	4,142.15	4,134.75	12.98	9.79	-164.18	190.84	-143.69	327.61	308.40	19.21	17.050	
4,300.00	4,234.40	4,241.80	4,234.40	13.21	9.99	-164.61	190.84	-143.69	335.63	316.03	19.59	17.129	
4,400.00	4,334.27	4,341.68	4,334.27	13.40	10.19	-164.85	190.84	-143.69	340.30	320.34	19.95	17.053	
4,488.74	4,423.00	4,430.40	4,423.00	13.53	10.38	179.95	190.84	-143.69	341.63	321.37	20.26	16.864	
4,500.00	4,434.26	4,441.66	4,434.26	13.54	10.40	179.95	190.84	-143.69	341.63	321.32	20.30	16.827	
4,600.00	4,534.26	4,541.66	4,534.26	13.70	10.61	179.95	190.84	-143.69	341.63	320.91	20.72	16.490	
4,700.00	4,634.26	4,641.66	4,634.26	13.85	10.81	179.95	190.84	-143.69	341.63	320.49	21.13	16.165	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Weatherford International Ltd.

Anticollision Report

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26J3DS - NBU 921-26J3DS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 0-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
4,800.00	4,734.26	4,741.66	4,734.26	14.01	11.02	179.95	190.84	-143.69	341.63	320.07	21.55	15.851	
4,900.00	4,834.26	4,841.66	4,834.26	14.17	11.23	179.95	190.84	-143.69	341.63	319.66	21.97	15.549	
5,000.00	4,934.26	4,941.66	4,934.26	14.33	11.44	179.95	190.84	-143.69	341.63	319.24	22.39	15.257	
5,100.00	5,034.26	5,041.66	5,034.26	14.49	11.65	179.95	190.84	-143.69	341.63	318.81	22.81	14.975	
5,200.00	5,134.26	5,141.66	5,134.26	14.65	11.86	179.95	190.84	-143.69	341.63	318.39	23.23	14.703	
5,300.00	5,234.26	5,241.66	5,234.26	14.82	12.07	179.95	190.84	-143.69	341.63	317.97	23.66	14.440	
5,400.00	5,334.26	5,341.66	5,334.26	14.98	12.28	179.95	190.84	-143.69	341.63	317.54	24.08	14.186	
5,500.00	5,434.26	5,441.66	5,434.26	15.15	12.49	179.95	190.84	-143.69	341.63	317.12	24.51	13.940	
5,600.00	5,534.26	5,541.66	5,534.26	15.32	12.70	179.95	190.84	-143.69	341.63	316.69	24.93	13.701	
5,700.00	5,634.26	5,641.66	5,634.26	15.49	12.91	179.95	190.84	-143.69	341.63	316.27	25.36	13.471	
5,800.00	5,734.26	5,741.66	5,734.26	15.66	13.13	179.95	190.84	-143.69	341.63	315.84	25.79	13.248	
5,900.00	5,834.26	5,841.66	5,834.26	15.84	13.34	179.95	190.84	-143.69	341.63	315.41	26.22	13.031	
6,000.00	5,934.26	5,941.66	5,934.26	16.01	13.55	179.95	190.84	-143.69	341.63	314.98	26.65	12.821	
6,100.00	6,034.26	6,041.66	6,034.26	16.19	13.77	179.95	190.84	-143.69	341.63	314.55	27.07	12.618	
6,200.00	6,134.26	6,141.66	6,134.26	16.36	13.98	179.95	190.84	-143.69	341.63	314.12	27.51	12.420	
6,300.00	6,234.26	6,241.66	6,234.26	16.54	14.20	179.95	190.84	-143.69	341.63	313.69	27.94	12.229	
6,400.00	6,334.26	6,341.66	6,334.26	16.72	14.41	179.95	190.84	-143.69	341.63	313.26	28.37	12.043	
6,500.00	6,434.26	6,441.66	6,434.26	16.90	14.63	179.95	190.84	-143.69	341.63	312.83	28.80	11.862	
6,600.00	6,534.26	6,541.66	6,534.26	17.08	14.84	179.95	190.84	-143.69	341.63	312.39	29.23	11.687	
6,700.00	6,634.26	6,641.66	6,634.26	17.27	15.06	179.95	190.84	-143.69	341.63	311.96	29.67	11.516	
6,800.00	6,734.26	6,741.66	6,734.26	17.45	15.27	179.95	190.84	-143.69	341.63	311.53	30.10	11.350	
6,900.00	6,834.26	6,841.66	6,834.26	17.63	15.49	179.95	190.84	-143.69	341.63	311.09	30.53	11.189	
7,000.00	6,934.26	6,941.66	6,934.26	17.82	15.71	179.95	190.84	-143.69	341.63	310.66	30.97	11.032	
7,100.00	7,034.26	7,041.66	7,034.26	18.01	15.92	179.95	190.84	-143.69	341.63	310.22	31.40	10.879	
7,200.00	7,134.26	7,141.66	7,134.26	18.19	16.14	179.95	190.84	-143.69	341.63	309.79	31.84	10.730	
7,300.00	7,234.26	7,241.66	7,234.26	18.38	16.36	179.95	190.84	-143.69	341.63	309.35	32.27	10.586	
7,400.00	7,334.26	7,341.66	7,334.26	18.57	16.57	179.95	190.84	-143.69	341.63	308.92	32.71	10.445	
7,500.00	7,434.26	7,441.66	7,434.26	18.76	16.79	179.95	190.84	-143.69	341.63	308.48	33.14	10.307	
7,600.00	7,534.26	7,541.66	7,534.26	18.95	17.01	179.95	190.84	-143.69	341.63	308.04	33.58	10.173	
7,700.00	7,634.26	7,641.66	7,634.26	19.14	17.23	179.95	190.84	-143.69	341.63	307.61	34.02	10.042	
7,800.00	7,734.26	7,741.66	7,734.26	19.33	17.45	179.95	190.84	-143.69	341.63	307.17	34.46	9.915	
7,900.00	7,834.26	7,841.66	7,834.26	19.53	17.66	179.95	190.84	-143.69	341.63	306.73	34.89	9.790	
8,000.00	7,934.26	7,941.66	7,934.26	19.72	17.88	179.95	190.84	-143.69	341.63	306.29	35.33	9.669	
8,100.00	8,034.26	8,041.66	8,034.26	19.91	18.10	179.95	190.84	-143.69	341.63	305.86	35.77	9.551	
8,200.00	8,134.26	8,141.66	8,134.26	20.11	18.32	179.95	190.84	-143.69	341.63	305.42	36.21	9.435	
8,300.00	8,234.26	8,241.66	8,234.26	20.30	18.54	179.95	190.84	-143.69	341.63	304.98	36.65	9.322	
8,400.00	8,334.26	8,341.66	8,334.26	20.50	18.76	179.95	190.84	-143.69	341.63	304.54	37.09	9.212	
8,500.00	8,434.26	8,441.66	8,434.26	20.70	18.98	179.95	190.84	-143.69	341.63	304.10	37.53	9.104	
8,600.00	8,534.26	8,541.66	8,534.26	20.89	19.20	179.95	190.84	-143.69	341.63	303.66	37.97	8.998	
8,700.00	8,634.26	8,641.66	8,634.26	21.09	19.42	179.95	190.84	-143.69	341.63	303.22	38.40	8.895	
8,800.00	8,734.26	8,741.66	8,734.26	21.29	19.64	179.95	190.84	-143.69	341.63	302.78	38.84	8.795	
8,900.00	8,834.26	8,841.66	8,834.26	21.49	19.86	179.95	190.84	-143.69	341.63	302.34	39.29	8.696	
9,000.00	8,934.26	8,941.66	8,934.26	21.69	20.08	179.95	190.84	-143.69	341.63	301.90	39.73	8.600	
9,100.00	9,034.26	9,041.66	9,034.26	21.89	20.30	179.95	190.84	-143.69	341.63	301.46	40.17	8.505	
9,200.00	9,134.26	9,141.66	9,134.26	22.09	20.52	179.95	190.84	-143.69	341.63	301.02	40.61	8.413	
9,300.00	9,234.26	9,241.66	9,234.26	22.29	20.74	179.95	190.84	-143.69	341.63	300.58	41.05	8.323	
9,400.00	9,334.26	9,341.66	9,334.26	22.49	20.96	179.95	190.84	-143.69	341.63	300.14	41.49	8.234	
9,500.00	9,434.26	9,441.66	9,434.26	22.69	21.18	179.95	190.84	-143.69	341.63	299.70	41.93	8.147	
9,600.00	9,534.26	9,541.66	9,534.26	22.89	21.40	179.95	190.84	-143.69	341.63	299.25	42.37	8.063	
9,700.00	9,634.26	9,641.66	9,634.26	23.09	21.62	179.95	190.84	-143.69	341.63	298.81	42.81	7.979	
9,800.00	9,734.26	9,741.66	9,734.26	23.30	21.84	179.95	190.84	-143.69	341.63	298.37	43.26	7.898	
9,823.03	9,757.29	9,764.70	9,757.29	23.34	21.89	179.95	190.84	-143.69	341.63	298.27	43.36	7.879	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Weatherford International Ltd.

Anticollision Report

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26J3DS - NBU 921-26J3DS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 0-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
9,844.74	9,779.00	9,772.40	9,765.00	23.39	21.91	179.95	190.84	-143.69	341.91	298.49	43.42	7.874	

Weatherford International Ltd.

Anticollision Report

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O1BS - NBU 921-26O1BS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 0-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	-90.00	0.00	-10.08	10.08				
100.00	100.00	100.00	100.00	0.08	0.08	-90.00	0.00	-10.08	10.08	9.92	0.17	60.625	
200.00	200.00	200.00	200.00	0.31	0.31	-90.00	0.00	-10.08	10.08	9.47	0.62	16.373	
300.00	300.00	300.00	300.00	0.53	0.53	-90.00	0.00	-10.08	10.08	9.02	1.07	9.465	
400.00	400.00	400.00	400.00	0.76	0.76	-90.00	0.00	-10.08	10.08	8.57	1.51	6.656	
500.00	500.00	500.00	500.00	0.98	0.98	-90.00	0.00	-10.08	10.08	8.12	1.96	5.133	
600.00	599.95	599.95	599.95	1.21	1.21	-89.91	0.00	-10.08	9.73	7.32	2.41	4.034	
600.27	600.23	600.23	600.23	1.21	1.21	-90.00	0.00	-10.08	9.73	7.32	2.41	4.032	CC, ES
700.00	699.82	699.82	699.82	1.44	1.43	-118.17	0.00	-10.08	11.04	8.18	2.87	3.853	SF
800.00	799.68	799.68	799.68	1.67	1.66	-137.00	0.00	-10.08	14.28	10.96	3.32	4.301	
900.00	899.54	899.54	899.54	1.90	1.88	-148.14	0.00	-10.08	18.46	14.69	3.77	4.894	
1,000.00	999.41	999.41	999.41	2.14	2.10	-155.02	0.00	-10.08	23.07	18.85	4.22	5.464	
1,100.00	1,099.27	1,099.27	1,099.27	2.37	2.33	-159.56	0.00	-10.08	27.91	23.23	4.67	5.971	
1,200.00	1,199.13	1,199.13	1,199.13	2.61	2.55	-162.75	0.00	-10.08	32.86	27.74	5.12	6.413	
1,300.00	1,298.99	1,298.99	1,298.99	2.85	2.78	-165.10	0.00	-10.08	37.89	32.32	5.57	6.797	
1,400.00	1,398.86	1,398.86	1,398.86	3.09	3.00	-166.89	0.00	-10.08	42.97	36.95	6.03	7.131	
1,500.00	1,498.72	1,498.72	1,498.72	3.33	3.23	-168.30	0.00	-10.08	48.08	41.61	6.48	7.424	
1,600.00	1,598.58	1,598.58	1,598.58	3.57	3.45	-169.45	0.00	-10.08	53.22	46.29	6.93	7.682	
1,700.00	1,698.45	1,698.45	1,698.45	3.81	3.68	-170.39	0.00	-10.08	58.37	50.99	7.38	7.911	
1,800.00	1,798.31	1,798.31	1,798.31	4.05	3.90	-171.18	0.00	-10.08	63.54	55.71	7.83	8.114	
1,900.00	1,898.17	1,898.17	1,898.17	4.29	4.12	-171.85	0.00	-10.08	68.72	60.43	8.28	8.297	
2,000.00	1,998.04	1,998.04	1,998.04	4.53	4.35	-172.42	0.00	-10.08	73.90	65.17	8.73	8.462	
2,100.00	2,097.90	2,097.90	2,097.90	4.78	4.57	-172.92	0.00	-10.08	79.09	69.91	9.18	8.611	
2,200.00	2,197.76	2,197.76	2,197.76	5.02	4.80	-173.36	0.00	-10.08	84.29	74.65	9.64	8.747	
2,300.00	2,297.62	2,297.62	2,297.62	5.26	5.02	-173.75	0.00	-10.08	89.49	79.40	10.09	8.871	
2,400.00	2,397.49	2,397.49	2,397.49	5.50	5.25	-174.09	0.00	-10.08	94.69	84.15	10.54	8.985	
2,431.56	2,429.00	2,428.32	2,428.32	5.58	5.31	-174.16	-0.07	-10.12	96.40	85.72	10.68	9.030	
2,500.00	2,497.27	2,493.85	2,493.82	5.75	5.44	-173.79	-1.55	-10.99	102.56	91.61	10.95	9.367	
2,600.00	2,596.61	2,588.12	2,587.87	6.03	5.61	-172.32	-7.10	-14.21	119.18	107.86	11.31	10.534	
2,700.00	2,695.21	2,679.63	2,678.74	6.34	5.78	-170.36	-16.31	-19.56	144.74	133.07	11.66	12.410	
2,800.00	2,792.81	2,767.33	2,765.27	6.70	5.95	-168.38	-28.66	-26.73	179.00	167.00	12.00	14.921	
2,900.00	2,889.13	2,850.39	2,846.53	7.10	6.13	-166.59	-43.51	-35.36	221.55	209.24	12.32	17.990	
2,998.31	2,982.34	2,926.89	2,920.64	7.57	6.33	-165.04	-59.88	-44.87	270.95	258.33	12.61	21.479	
3,000.00	2,983.93	2,928.16	2,921.86	7.57	6.33	-165.02	-60.18	-45.04	271.86	259.24	12.62	21.539	
3,100.00	3,077.89	3,010.68	3,001.12	8.09	6.57	-164.01	-80.04	-56.57	326.61	313.52	13.09	24.946	
3,200.00	3,171.86	3,105.39	3,092.65	8.63	6.87	-163.38	-101.09	-68.80	379.81	366.21	13.60	27.929	
3,300.00	3,265.83	3,203.60	3,188.35	9.19	7.19	-163.16	-120.14	-79.86	430.54	416.42	14.11	30.505	
3,400.00	3,359.80	3,305.27	3,288.15	9.76	7.52	-163.22	-136.85	-89.57	478.64	464.00	14.64	32.690	
3,488.61	3,443.06	3,398.17	3,379.90	10.28	7.81	-163.45	-149.44	-96.89	518.96	503.84	15.12	34.330	
3,500.00	3,453.77	3,410.31	3,391.92	10.34	7.84	-163.53	-150.90	-97.73	523.96	508.77	15.19	34.499	
3,600.00	3,548.45	3,519.59	3,500.44	10.81	8.16	-164.16	-162.01	-104.18	564.53	548.75	15.78	35.776	
3,700.00	3,644.19	3,633.31	3,613.80	11.25	8.45	-164.80	-169.77	-108.69	598.90	582.53	16.36	36.596	
3,800.00	3,740.88	3,750.78	3,731.18	11.67	8.71	-165.47	-173.69	-110.96	626.80	609.87	16.93	37.033	
3,900.00	3,838.40	3,858.00	3,838.40	12.05	8.92	-166.09	-174.09	-111.20	648.59	631.16	17.43	37.209	
4,000.00	3,936.63	3,956.23	3,936.63	12.40	9.11	-166.57	-174.09	-111.20	666.77	648.86	17.91	37.226	
4,100.00	4,035.45	4,055.06	4,035.45	12.71	9.32	-166.93	-174.09	-111.20	681.63	663.25	18.38	37.087	
4,200.00	4,134.75	4,154.36	4,134.75	12.98	9.52	-167.20	-174.09	-111.20	693.13	674.31	18.82	36.822	
4,300.00	4,234.40	4,254.00	4,234.40	13.21	9.73	-167.39	-174.09	-111.20	701.25	682.01	19.24	36.441	
4,400.00	4,334.27	4,353.88	4,334.27	13.40	9.94	-167.50	-174.09	-111.20	705.98	686.34	19.64	35.952	
4,488.74	4,423.00	4,442.61	4,423.00	13.53	10.12	177.34	-174.09	-111.20	707.32	687.36	19.96	35.430	
4,500.00	4,434.26	4,453.87	4,434.26	13.54	10.15	177.34	-174.09	-111.20	707.32	687.31	20.01	35.350	
4,600.00	4,534.26	4,553.87	4,534.26	13.70	10.36	177.34	-174.09	-111.20	707.32	686.89	20.43	34.628	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Weatherford International Ltd.

Anticollision Report

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O1BS - NBU 921-26O1BS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 0-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
4,700.00	4,634.26	4,653.87	4,634.26	13.85	10.57	177.34	-174.09	-111.20	707.32	686.48	20.85	33.932	
4,800.00	4,734.26	4,753.87	4,734.26	14.01	10.78	177.34	-174.09	-111.20	707.32	686.06	21.27	33.262	
4,900.00	4,834.26	4,853.87	4,834.26	14.17	10.99	177.34	-174.09	-111.20	707.32	685.63	21.69	32.616	
5,000.00	4,934.26	4,953.87	4,934.26	14.33	11.20	177.34	-174.09	-111.20	707.32	685.21	22.11	31.993	
5,100.00	5,034.26	5,053.87	5,034.26	14.49	11.41	177.34	-174.09	-111.20	707.32	684.79	22.53	31.392	
5,200.00	5,134.26	5,153.87	5,134.26	14.65	11.63	177.34	-174.09	-111.20	707.32	684.37	22.96	30.812	
5,300.00	5,234.26	5,253.87	5,234.26	14.82	11.84	177.34	-174.09	-111.20	707.32	683.94	23.38	30.252	
5,400.00	5,334.26	5,353.87	5,334.26	14.98	12.05	177.34	-174.09	-111.20	707.32	683.51	23.81	29.710	
5,500.00	5,434.26	5,453.87	5,434.26	15.15	12.27	177.34	-174.09	-111.20	707.32	683.09	24.23	29.187	
5,600.00	5,534.26	5,553.87	5,534.26	15.32	12.48	177.34	-174.09	-111.20	707.32	682.66	24.66	28.681	
5,700.00	5,634.26	5,653.87	5,634.26	15.49	12.70	177.34	-174.09	-111.20	707.32	682.23	25.09	28.191	
5,800.00	5,734.26	5,753.87	5,734.26	15.66	12.91	177.34	-174.09	-111.20	707.32	681.80	25.52	27.717	
5,900.00	5,834.26	5,853.87	5,834.26	15.84	13.13	177.34	-174.09	-111.20	707.32	681.37	25.95	27.258	
6,000.00	5,934.26	5,953.87	5,934.26	16.01	13.34	177.34	-174.09	-111.20	707.32	680.94	26.38	26.813	
6,100.00	6,034.26	6,053.87	6,034.26	16.19	13.56	177.34	-174.09	-111.20	707.32	680.51	26.81	26.382	
6,200.00	6,134.26	6,153.87	6,134.26	16.36	13.78	177.34	-174.09	-111.20	707.32	680.08	27.24	25.964	
6,300.00	6,234.26	6,253.87	6,234.26	16.54	13.99	177.34	-174.09	-111.20	707.32	679.65	27.67	25.559	
6,400.00	6,334.26	6,353.87	6,334.26	16.72	14.21	177.34	-174.09	-111.20	707.32	679.21	28.11	25.165	
6,500.00	6,434.26	6,453.87	6,434.26	16.90	14.43	177.34	-174.09	-111.20	707.32	678.78	28.54	24.783	
6,600.00	6,534.26	6,553.87	6,534.26	17.08	14.65	177.34	-174.09	-111.20	707.32	678.35	28.97	24.412	
6,700.00	6,634.26	6,653.87	6,634.26	17.27	14.86	177.34	-174.09	-111.20	707.32	677.91	29.41	24.051	
6,800.00	6,734.26	6,753.87	6,734.26	17.45	15.08	177.34	-174.09	-111.20	707.32	677.48	29.84	23.701	
6,900.00	6,834.26	6,853.87	6,834.26	17.63	15.30	177.34	-174.09	-111.20	707.32	677.04	30.28	23.361	
7,000.00	6,934.26	6,953.87	6,934.26	17.82	15.52	177.34	-174.09	-111.20	707.32	676.61	30.71	23.029	
7,100.00	7,034.26	7,053.87	7,034.26	18.01	15.74	177.34	-174.09	-111.20	707.32	676.17	31.15	22.707	
7,200.00	7,134.26	7,153.87	7,134.26	18.19	15.95	177.34	-174.09	-111.20	707.32	675.73	31.59	22.393	
7,300.00	7,234.26	7,253.87	7,234.26	18.38	16.17	177.34	-174.09	-111.20	707.32	675.30	32.02	22.088	
7,400.00	7,334.26	7,353.87	7,334.26	18.57	16.39	177.34	-174.09	-111.20	707.32	674.86	32.46	21.791	
7,500.00	7,434.26	7,453.87	7,434.26	18.76	16.61	177.34	-174.09	-111.20	707.32	674.42	32.90	21.501	
7,600.00	7,534.26	7,553.87	7,534.26	18.95	16.83	177.34	-174.09	-111.20	707.32	673.99	33.33	21.219	
7,700.00	7,634.26	7,653.87	7,634.26	19.14	17.05	177.34	-174.09	-111.20	707.32	673.55	33.77	20.943	
7,800.00	7,734.26	7,753.87	7,734.26	19.33	17.27	177.34	-174.09	-111.20	707.32	673.11	34.21	20.675	
7,900.00	7,834.26	7,853.87	7,834.26	19.53	17.49	177.34	-174.09	-111.20	707.32	672.67	34.65	20.413	
8,000.00	7,934.26	7,953.87	7,934.26	19.72	17.71	177.34	-174.09	-111.20	707.32	672.23	35.09	20.158	
8,100.00	8,034.26	8,053.87	8,034.26	19.91	17.93	177.34	-174.09	-111.20	707.32	671.79	35.53	19.909	
8,200.00	8,134.26	8,153.87	8,134.26	20.11	18.15	177.34	-174.09	-111.20	707.32	671.35	35.97	19.666	
8,300.00	8,234.26	8,253.87	8,234.26	20.30	18.37	177.34	-174.09	-111.20	707.32	670.91	36.41	19.428	
8,400.00	8,334.26	8,353.87	8,334.26	20.50	18.59	177.34	-174.09	-111.20	707.32	670.47	36.85	19.196	
8,500.00	8,434.26	8,453.87	8,434.26	20.70	18.81	177.34	-174.09	-111.20	707.32	670.03	37.29	18.970	
8,600.00	8,534.26	8,553.87	8,534.26	20.89	19.03	177.34	-174.09	-111.20	707.32	669.59	37.73	18.748	
8,700.00	8,634.26	8,653.87	8,634.26	21.09	19.25	177.34	-174.09	-111.20	707.32	669.15	38.17	18.532	
8,800.00	8,734.26	8,753.87	8,734.26	21.29	19.47	177.34	-174.09	-111.20	707.32	668.71	38.61	18.320	
8,900.00	8,834.26	8,853.87	8,834.26	21.49	19.69	177.34	-174.09	-111.20	707.32	668.27	39.05	18.114	
9,000.00	8,934.26	8,953.87	8,934.26	21.69	19.91	177.34	-174.09	-111.20	707.32	667.83	39.49	17.911	
9,100.00	9,034.26	9,053.87	9,034.26	21.89	20.13	177.34	-174.09	-111.20	707.32	667.39	39.93	17.713	
9,200.00	9,134.26	9,153.87	9,134.26	22.09	20.36	177.34	-174.09	-111.20	707.32	666.95	40.37	17.520	
9,300.00	9,234.26	9,253.87	9,234.26	22.29	20.58	177.34	-174.09	-111.20	707.32	666.51	40.81	17.330	
9,400.00	9,334.26	9,353.87	9,334.26	22.49	20.80	177.34	-174.09	-111.20	707.32	666.06	41.26	17.144	
9,500.00	9,434.26	9,453.87	9,434.26	22.69	21.02	177.34	-174.09	-111.20	707.32	665.62	41.70	16.963	
9,600.00	9,534.26	9,553.87	9,534.26	22.89	21.24	177.34	-174.09	-111.20	707.32	665.18	42.14	16.785	
9,700.00	9,634.26	9,653.87	9,634.26	23.09	21.46	177.34	-174.09	-111.20	707.32	664.74	42.58	16.610	
9,800.00	9,734.26	9,753.87	9,734.26	23.30	21.68	177.34	-174.09	-111.20	707.32	664.30	43.03	16.440	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Weatherford International Ltd.

Anticollision Report

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O1BS - NBU 921-26O1BS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 0-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
9,804.87	9,739.13	9,758.74	9,739.13	23.31	21.69	177.34	-174.09	-111.20	707.32	664.27	43.05	16.431	
9,844.74	9,779.00	9,770.61	9,751.00	23.39	21.72	177.34	-174.09	-111.20	707.88	664.71	43.16	16.401	

Weatherford International Ltd.

Anticollision Report

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O2CS - NBU 921-26O2CS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 0-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	-91.39	-0.73	-29.97	29.98				
100.00	100.00	100.00	100.00	0.08	0.08	-91.39	-0.73	-29.97	29.98	29.81	0.17	180.244	
200.00	200.00	200.00	200.00	0.31	0.31	-91.39	-0.73	-29.97	29.98	29.36	0.62	48.679	
300.00	300.00	300.00	300.00	0.53	0.53	-91.39	-0.73	-29.97	29.98	28.91	1.07	28.139	
400.00	400.00	400.00	400.00	0.76	0.76	-91.39	-0.73	-29.97	29.98	28.46	1.51	19.789	
500.00	500.00	500.00	500.00	0.98	0.98	-91.39	-0.73	-29.97	29.98	28.01	1.96	15.261	
600.00	599.95	599.95	599.95	1.21	1.21	-81.22	-0.73	-29.97	29.47	27.05	2.41	12.212	
686.02	685.86	685.86	685.86	1.41	1.40	-90.00	-0.73	-29.97	29.12	26.32	2.80	10.394	CC
700.00	699.82	699.82	699.82	1.44	1.43	-91.44	-0.73	-29.97	29.13	26.27	2.87	10.168	ES
800.00	799.68	799.68	799.68	1.67	1.66	-101.56	-0.73	-29.97	29.73	26.40	3.32	8.948	
900.00	899.54	899.54	899.54	1.90	1.88	-111.01	-0.73	-29.97	31.20	27.42	3.78	8.253	
1,000.00	999.41	999.41	999.41	2.14	2.10	-119.40	-0.73	-29.97	33.44	29.20	4.24	7.890	
1,100.00	1,099.27	1,099.27	1,099.27	2.37	2.33	-126.61	-0.73	-29.97	36.30	31.60	4.69	7.732	
1,200.00	1,199.13	1,199.13	1,199.13	2.61	2.55	-132.69	-0.73	-29.97	39.64	34.50	5.15	7.700	SF
1,300.00	1,298.99	1,298.99	1,298.99	2.85	2.78	-137.78	-0.73	-29.97	43.37	37.76	5.60	7.741	
1,400.00	1,398.86	1,398.86	1,398.86	3.09	3.00	-142.03	-0.73	-29.97	47.37	41.32	6.05	7.825	
1,500.00	1,498.72	1,498.72	1,498.72	3.33	3.23	-145.61	-0.73	-29.97	51.60	45.10	6.51	7.932	
1,600.00	1,598.58	1,598.58	1,598.58	3.57	3.45	-148.63	-0.73	-29.97	56.00	49.04	6.96	8.050	
1,700.00	1,698.45	1,698.45	1,698.45	3.81	3.68	-151.21	-0.73	-29.97	60.53	53.13	7.41	8.172	
1,800.00	1,798.31	1,798.31	1,798.31	4.05	3.90	-153.43	-0.73	-29.97	65.17	57.31	7.86	8.293	
1,900.00	1,898.17	1,898.17	1,898.17	4.29	4.12	-155.35	-0.73	-29.97	69.89	61.58	8.31	8.411	
2,000.00	1,998.04	1,998.04	1,998.04	4.53	4.35	-157.02	-0.73	-29.97	74.68	65.92	8.76	8.525	
2,100.00	2,097.90	2,097.90	2,097.90	4.78	4.57	-158.49	-0.73	-29.97	79.53	70.31	9.21	8.634	
2,200.00	2,197.76	2,197.76	2,197.76	5.02	4.80	-159.79	-0.73	-29.97	84.42	74.76	9.66	8.737	
2,300.00	2,297.62	2,297.62	2,297.62	5.26	5.02	-160.95	-0.73	-29.97	89.35	79.24	10.11	8.835	
2,400.00	2,397.49	2,397.47	2,397.47	5.50	5.25	-161.99	-0.73	-29.97	94.31	83.75	10.56	8.928	
2,431.56	2,429.00	2,427.69	2,427.69	5.58	5.30	-162.21	-0.93	-30.11	96.10	85.41	10.69	8.991	
2,500.00	2,497.27	2,492.94	2,492.90	5.75	5.41	-162.29	-2.72	-31.33	102.60	91.65	10.95	9.372	
2,600.00	2,596.61	2,586.81	2,586.49	6.03	5.58	-161.92	-8.51	-35.29	119.77	108.45	11.32	10.579	
2,700.00	2,695.21	2,677.94	2,676.93	6.34	5.75	-161.18	-17.75	-41.62	145.82	134.14	11.68	12.481	
2,800.00	2,792.81	2,765.35	2,763.07	6.70	5.93	-160.31	-29.95	-49.97	180.42	168.38	12.03	14.991	
2,900.00	2,889.13	2,848.22	2,844.03	7.10	6.12	-159.40	-44.51	-59.93	223.10	210.73	12.37	18.029	
2,998.31	2,982.34	2,924.66	2,917.98	7.57	6.33	-158.50	-60.50	-70.87	272.43	259.73	12.70	21.453	
3,000.00	2,983.93	2,925.93	2,919.20	7.57	6.33	-158.50	-60.79	-71.07	273.34	260.64	12.71	21.511	
3,100.00	3,077.89	3,000.00	2,990.03	8.09	6.55	-158.16	-78.64	-83.28	328.51	315.33	13.18	24.933	
3,200.00	3,171.86	3,070.42	3,056.56	8.63	6.80	-157.69	-97.69	-96.32	386.37	372.71	13.66	28.280	
3,300.00	3,265.83	3,151.13	3,132.40	9.19	7.13	-157.18	-120.47	-111.91	445.34	431.16	14.18	31.404	
3,400.00	3,359.80	3,231.84	3,208.24	9.76	7.48	-156.79	-143.24	-127.49	504.33	489.63	14.71	34.294	
3,488.61	3,443.06	3,303.36	3,275.45	10.28	7.81	-156.52	-163.43	-141.31	556.61	541.43	15.18	36.667	
3,500.00	3,453.77	3,312.56	3,284.10	10.34	7.85	-156.55	-166.02	-143.08	563.31	548.06	15.25	36.940	
3,600.00	3,548.45	3,394.38	3,360.99	10.81	8.25	-156.76	-189.11	-158.89	620.72	604.90	15.82	39.236	
3,700.00	3,644.19	3,477.94	3,439.51	11.25	8.68	-156.85	-212.70	-175.02	675.50	659.10	16.40	41.193	
3,800.00	3,740.88	3,563.14	3,519.57	11.67	9.14	-156.84	-236.74	-191.48	727.59	710.61	16.98	42.857	
3,900.00	3,838.40	3,649.87	3,601.07	12.05	9.61	-156.74	-261.22	-208.23	776.96	759.41	17.55	44.267	
4,000.00	3,936.63	3,738.03	3,683.92	12.40	10.11	-156.57	-286.10	-225.25	823.58	805.46	18.12	45.454	
4,100.00	4,035.45	3,827.51	3,768.00	12.71	10.63	-156.32	-311.35	-242.53	867.42	848.75	18.68	46.448	
4,200.00	4,134.75	3,918.20	3,853.22	12.98	11.16	-156.02	-336.94	-260.05	908.46	889.24	19.22	47.275	
4,300.00	4,234.40	4,009.99	3,939.48	13.21	11.72	-155.66	-362.85	-277.77	946.68	926.94	19.74	47.958	
4,400.00	4,334.27	4,102.77	4,026.67	13.40	12.28	-155.23	-389.03	-295.69	982.08	961.84	20.24	48.517	
4,488.74	4,423.00	4,185.84	4,104.73	13.53	12.79	-169.93	-412.48	-311.74	1,011.12	990.45	20.67	48.921	
4,500.00	4,434.26	4,196.42	4,114.68	13.54	12.86	-169.84	-415.46	-313.78	1,014.67	993.94	20.72	48.962	
4,600.00	4,534.26	4,290.40	4,202.98	13.70	13.45	-169.08	-441.98	-331.93	1,046.25	1,025.02	21.23	49.289	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Weatherford International Ltd.

Anticollision Report

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O2CS - NBU 921-26O2CS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 0-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
4,700.00	4,634.26	4,384.37	4,291.29	13.85	14.04	-168.36	-468.50	-350.08	1,077.99	1,056.26	21.73	49.612	
4,800.00	4,734.26	4,478.34	4,379.59	14.01	14.64	-167.69	-495.02	-368.22	1,109.88	1,087.65	22.23	49.932	
4,900.00	4,834.26	4,572.31	4,467.90	14.17	15.24	-167.05	-521.54	-386.37	1,141.90	1,119.17	22.73	50.247	
5,000.00	4,934.26	4,666.28	4,556.21	14.33	15.84	-166.44	-548.06	-404.52	1,174.04	1,150.82	23.22	50.558	
5,100.00	5,034.26	4,760.25	4,644.51	14.49	16.45	-165.87	-574.58	-422.67	1,206.30	1,182.58	23.72	50.864	
5,200.00	5,134.26	4,861.23	4,739.42	14.65	17.10	-165.29	-603.04	-442.14	1,238.63	1,214.40	24.23	51.123	
5,300.00	5,234.26	5,023.84	4,894.03	14.82	17.89	-164.49	-644.57	-470.56	1,268.01	1,243.13	24.88	50.965	
5,400.00	5,334.26	5,192.08	5,056.72	14.98	18.60	-163.86	-679.84	-494.70	1,292.19	1,266.67	25.52	50.639	
5,500.00	5,434.26	5,365.01	5,226.26	15.15	19.21	-163.39	-707.82	-513.85	1,310.88	1,284.74	26.14	50.154	
5,600.00	5,534.26	5,541.53	5,401.12	15.32	19.71	-163.08	-727.63	-527.40	1,323.86	1,297.13	26.73	49.526	
5,700.00	5,634.26	5,720.38	5,579.45	15.49	20.08	-162.90	-738.59	-534.90	1,330.95	1,303.66	27.29	48.768	
5,800.00	5,734.26	5,875.23	5,734.26	15.66	20.30	-162.87	-740.79	-536.41	1,332.37	1,304.60	27.77	47.981	
5,900.00	5,834.26	5,975.23	5,834.26	15.84	20.43	-162.87	-740.79	-536.41	1,332.37	1,304.22	28.15	47.338	
6,000.00	5,934.26	6,075.23	5,934.26	16.01	20.56	-162.87	-740.79	-536.41	1,332.37	1,303.84	28.53	46.706	
6,100.00	6,034.26	6,175.23	6,034.26	16.19	20.68	-162.87	-740.79	-536.41	1,332.37	1,303.46	28.91	46.087	
6,200.00	6,134.26	6,275.23	6,134.26	16.36	20.81	-162.87	-740.79	-536.41	1,332.37	1,303.07	29.29	45.482	
6,300.00	6,234.26	6,375.23	6,234.26	16.54	20.94	-162.87	-740.79	-536.41	1,332.37	1,302.69	29.68	44.890	
6,400.00	6,334.26	6,475.23	6,334.26	16.72	21.08	-162.87	-740.79	-536.41	1,332.37	1,302.30	30.07	44.310	
6,500.00	6,434.26	6,575.23	6,434.26	16.90	21.21	-162.87	-740.79	-536.41	1,332.37	1,301.91	30.46	43.743	
6,600.00	6,534.26	6,675.23	6,534.26	17.08	21.35	-162.87	-740.79	-536.41	1,332.37	1,301.52	30.85	43.187	
6,700.00	6,634.26	6,775.23	6,634.26	17.27	21.49	-162.87	-740.79	-536.41	1,332.37	1,301.12	31.24	42.644	
6,800.00	6,734.26	6,875.23	6,734.26	17.45	21.62	-162.87	-740.79	-536.41	1,332.37	1,300.73	31.64	42.112	
6,900.00	6,834.26	6,975.23	6,834.26	17.63	21.76	-162.87	-740.79	-536.41	1,332.37	1,300.33	32.03	41.592	
7,000.00	6,934.26	7,075.23	6,934.26	17.82	21.91	-162.87	-740.79	-536.41	1,332.37	1,299.94	32.43	41.082	
7,100.00	7,034.26	7,175.23	7,034.26	18.01	22.05	-162.87	-740.79	-536.41	1,332.37	1,299.54	32.83	40.583	
7,200.00	7,134.26	7,275.23	7,134.26	18.19	22.19	-162.87	-740.79	-536.41	1,332.37	1,299.14	33.23	40.094	
7,300.00	7,234.26	7,375.23	7,234.26	18.38	22.34	-162.87	-740.79	-536.41	1,332.37	1,298.74	33.63	39.616	
7,400.00	7,334.26	7,475.23	7,334.26	18.57	22.49	-162.87	-740.79	-536.41	1,332.37	1,298.33	34.03	39.148	
7,500.00	7,434.26	7,575.23	7,434.26	18.76	22.64	-162.87	-740.79	-536.41	1,332.37	1,297.93	34.44	38.689	
7,600.00	7,534.26	7,675.23	7,534.26	18.95	22.79	-162.87	-740.79	-536.41	1,332.37	1,297.52	34.84	38.239	
7,700.00	7,634.26	7,775.23	7,634.26	19.14	22.94	-162.87	-740.79	-536.41	1,332.37	1,297.12	35.25	37.799	
7,800.00	7,734.26	7,875.23	7,734.26	19.33	23.09	-162.87	-740.79	-536.41	1,332.37	1,296.71	35.66	37.368	
7,900.00	7,834.26	7,975.23	7,834.26	19.53	23.24	-162.87	-740.79	-536.41	1,332.37	1,296.30	36.06	36.945	
8,000.00	7,934.26	8,075.23	7,934.26	19.72	23.40	-162.87	-740.79	-536.41	1,332.37	1,295.90	36.47	36.531	
8,100.00	8,034.26	8,175.23	8,034.26	19.91	23.55	-162.87	-740.79	-536.41	1,332.37	1,295.49	36.88	36.125	
8,200.00	8,134.26	8,275.23	8,134.26	20.11	23.71	-162.87	-740.79	-536.41	1,332.37	1,295.07	37.29	35.727	
8,300.00	8,234.26	8,375.23	8,234.26	20.30	23.87	-162.87	-740.79	-536.41	1,332.37	1,294.66	37.70	35.337	
8,400.00	8,334.26	8,475.23	8,334.26	20.50	24.03	-162.87	-740.79	-536.41	1,332.37	1,294.25	38.12	34.955	
8,500.00	8,434.26	8,575.23	8,434.26	20.70	24.19	-162.87	-740.79	-536.41	1,332.37	1,293.84	38.53	34.580	
8,600.00	8,534.26	8,675.23	8,534.26	20.89	24.35	-162.87	-740.79	-536.41	1,332.37	1,293.42	38.94	34.212	
8,700.00	8,634.26	8,775.23	8,634.26	21.09	24.51	-162.87	-740.79	-536.41	1,332.37	1,293.01	39.36	33.852	
8,800.00	8,734.26	8,875.23	8,734.26	21.29	24.67	-162.87	-740.79	-536.41	1,332.37	1,292.59	39.77	33.498	
8,900.00	8,834.26	8,975.23	8,834.26	21.49	24.84	-162.87	-740.79	-536.41	1,332.37	1,292.18	40.19	33.151	
9,000.00	8,934.26	9,075.23	8,934.26	21.69	25.00	-162.87	-740.79	-536.41	1,332.37	1,291.76	40.61	32.810	
9,100.00	9,034.26	9,175.23	9,034.26	21.89	25.17	-162.87	-740.79	-536.41	1,332.37	1,291.34	41.03	32.476	
9,200.00	9,134.26	9,275.23	9,134.26	22.09	25.33	-162.87	-740.79	-536.41	1,332.37	1,290.92	41.44	32.148	
9,300.00	9,234.26	9,375.23	9,234.26	22.29	25.50	-162.87	-740.79	-536.41	1,332.37	1,290.50	41.86	31.827	
9,400.00	9,334.26	9,475.23	9,334.26	22.49	25.67	-162.87	-740.79	-536.41	1,332.37	1,290.08	42.28	31.511	
9,500.00	9,434.26	9,575.23	9,434.26	22.69	25.84	-162.87	-740.79	-536.41	1,332.37	1,289.66	42.70	31.201	
9,600.00	9,534.26	9,675.23	9,534.26	22.89	26.01	-162.87	-740.79	-536.41	1,332.37	1,289.24	43.12	30.896	
9,700.00	9,634.26	9,775.23	9,634.26	23.09	26.18	-162.87	-740.79	-536.41	1,332.37	1,288.82	43.55	30.597	
9,800.00	9,734.26	9,875.23	9,734.26	23.30	26.35	-162.87	-740.79	-536.41	1,332.37	1,288.40	43.97	30.304	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Weatherford International Ltd.

Anticollision Report

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O2CS - NBU 921-26O2CS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 0-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
9,844.74	9,779.00	9,875.97	9,735.00	23.39	26.35	-162.87	-740.79	-536.41	1,333.09	1,289.03	44.07	30.253	

Weatherford International Ltd.

Anticollision Report

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O2DS - NBU 921-26O2DS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 0-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	87.93	0.36	10.08	10.09				
100.00	100.00	100.00	100.00	0.08	0.08	87.93	0.36	10.08	10.09	9.92	0.17	60.665	
200.00	200.00	200.00	200.00	0.31	0.31	87.93	0.36	10.08	10.09	9.47	0.62	16.384	
300.00	300.00	300.00	300.00	0.53	0.53	87.93	0.36	10.08	10.09	9.02	1.07	9.471	
400.00	400.00	400.07	400.05	0.76	0.73	97.78	-1.31	9.58	9.67	8.18	1.49	6.490	
436.39	436.39	436.44	436.39	0.84	0.81	106.71	-2.75	9.15	9.55	7.91	1.64	5.819	CC, ES
500.00	500.00	499.96	499.83	0.98	0.93	125.73	-5.90	8.20	10.11	8.19	1.91	5.280	SF
600.00	599.95	599.67	599.39	1.21	1.15	166.27	-10.90	6.70	15.33	12.97	2.36	6.489	
700.00	699.82	699.16	698.75	1.44	1.37	177.94	-15.89	5.21	24.58	21.78	2.80	8.782	
800.00	799.68	798.65	798.11	1.67	1.61	-176.86	-20.87	3.71	34.29	31.05	3.24	10.586	
900.00	899.54	898.15	897.46	1.90	1.84	-173.97	-25.86	2.21	44.15	40.47	3.68	11.989	
1,000.00	999.41	997.64	996.82	2.14	2.08	-172.14	-30.85	0.71	54.08	49.95	4.13	13.099	
1,100.00	1,099.27	1,097.13	1,096.18	2.37	2.32	-170.87	-35.83	-0.78	64.05	59.47	4.58	13.995	
1,200.00	1,199.13	1,196.63	1,195.53	2.61	2.56	-169.95	-40.82	-2.28	74.04	69.02	5.03	14.731	
1,300.00	1,298.99	1,296.12	1,294.89	2.85	2.81	-169.25	-45.81	-3.78	84.05	78.57	5.48	15.346	
1,400.00	1,398.86	1,395.61	1,394.25	3.09	3.05	-168.69	-50.80	-5.27	94.07	88.14	5.93	15.866	
1,500.00	1,498.72	1,495.11	1,493.61	3.33	3.29	-168.25	-55.78	-6.77	104.09	97.71	6.38	16.313	
1,600.00	1,598.58	1,594.60	1,592.96	3.57	3.54	-167.88	-60.77	-8.27	114.12	107.29	6.83	16.699	
1,700.00	1,698.45	1,694.09	1,692.32	3.81	3.78	-167.57	-65.76	-9.77	124.15	116.86	7.29	17.037	
1,800.00	1,798.31	1,793.59	1,791.68	4.05	4.03	-167.31	-70.74	-11.26	134.19	126.45	7.74	17.335	
1,900.00	1,898.17	1,893.08	1,891.03	4.29	4.27	-167.08	-75.73	-12.76	144.23	136.03	8.19	17.600	
2,000.00	1,998.04	1,992.57	1,990.39	4.53	4.52	-166.88	-80.72	-14.26	154.27	145.62	8.65	17.836	
2,100.00	2,097.90	2,092.07	2,089.75	4.78	4.76	-166.71	-85.71	-15.76	164.31	155.20	9.10	18.049	
2,200.00	2,197.76	2,191.56	2,189.10	5.02	5.01	-166.56	-90.69	-17.25	174.35	164.79	9.56	18.241	
2,300.00	2,297.62	2,291.05	2,288.46	5.26	5.25	-166.42	-95.68	-18.75	184.39	174.38	10.01	18.415	
2,400.00	2,397.49	2,390.55	2,387.82	5.50	5.50	-166.30	-100.67	-20.25	194.44	183.97	10.47	18.575	
2,431.56	2,429.00	2,420.22	2,417.45	5.58	5.58	-166.26	-102.23	-20.72	197.69	187.08	10.61	18.635	
2,500.00	2,497.27	2,481.77	2,478.81	5.75	5.74	-166.06	-106.80	-22.09	207.38	196.49	10.89	19.041	
2,600.00	2,596.61	2,569.73	2,566.17	6.03	6.00	-165.70	-116.62	-25.03	229.41	218.12	11.29	20.315	
2,700.00	2,695.21	2,654.43	2,649.75	6.34	6.28	-165.30	-129.70	-28.96	260.49	248.81	11.67	22.315	
2,800.00	2,792.81	2,734.96	2,728.58	6.70	6.58	-164.86	-145.41	-33.68	300.15	288.12	12.03	24.955	
2,900.00	2,889.13	2,810.60	2,801.94	7.10	6.89	-164.40	-163.06	-38.98	347.86	335.51	12.35	28.160	
2,998.31	2,982.34	2,879.70	2,868.26	7.57	7.20	-163.90	-181.61	-44.54	402.02	389.38	12.65	31.792	
3,000.00	2,983.93	2,880.84	2,869.35	7.57	7.21	-163.90	-181.93	-44.64	403.01	390.36	12.65	31.851	
3,100.00	3,077.89	2,946.67	2,931.84	8.09	7.54	-163.90	-201.76	-50.59	462.94	449.83	13.11	35.314	
3,200.00	3,171.86	3,019.81	3,000.61	8.63	7.93	-163.82	-225.59	-57.74	524.90	511.31	13.59	38.626	
3,300.00	3,265.83	3,098.17	3,074.26	9.19	8.36	-163.75	-251.26	-65.45	587.02	572.94	14.08	41.699	
3,400.00	3,359.80	3,176.54	3,147.90	9.76	8.81	-163.69	-276.93	-73.15	649.14	634.56	14.58	44.534	
3,488.61	3,443.06	3,245.98	3,213.15	10.28	9.21	-163.64	-299.67	-79.98	704.18	689.15	15.02	46.868	
3,500.00	3,453.77	3,254.92	3,221.55	10.34	9.27	-163.69	-302.60	-80.86	711.24	696.14	15.09	47.121	
3,600.00	3,548.45	3,334.54	3,296.37	10.81	9.74	-164.01	-328.68	-88.68	771.73	756.05	15.67	49.244	
3,700.00	3,644.19	3,429.73	3,385.96	11.25	10.23	-164.21	-359.47	-97.93	829.22	812.96	16.27	50.981	
3,800.00	3,740.88	3,549.28	3,499.78	11.67	10.72	-164.34	-394.51	-108.44	881.18	864.31	16.87	52.225	
3,900.00	3,838.40	3,676.88	3,622.81	12.05	11.22	-164.45	-426.85	-118.15	926.61	909.12	17.48	53.001	
4,000.00	3,936.63	3,811.88	3,754.48	12.40	11.71	-164.55	-455.31	-126.69	965.00	946.91	18.09	53.348	
4,100.00	4,035.45	3,953.34	3,893.81	12.71	12.15	-164.64	-478.73	-133.72	995.91	977.23	18.68	53.317	
4,200.00	4,134.75	4,100.08	4,039.42	12.98	12.54	-164.72	-496.04	-138.92	1,018.95	999.70	19.24	52.950	
4,300.00	4,234.40	4,250.65	4,189.58	13.21	12.86	-164.81	-506.35	-142.01	1,033.79	1,014.02	19.77	52.298	
4,400.00	4,334.27	4,395.39	4,334.27	13.40	13.09	-164.91	-509.16	-142.85	1,040.31	1,020.06	20.24	51.389	
4,488.74	4,423.00	4,484.11	4,423.00	13.53	13.21	179.94	-509.16	-142.85	1,041.63	1,021.08	20.56	50.670	
4,500.00	4,434.26	4,495.37	4,434.26	13.54	13.23	179.94	-509.16	-142.85	1,041.63	1,021.04	20.60	50.572	
4,600.00	4,534.26	4,595.37	4,534.26	13.70	13.36	179.94	-509.16	-142.85	1,041.63	1,020.66	20.97	49.670	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Weatherford International Ltd.

Anticollision Report

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O2DS - NBU 921-26O2DS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 0-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
4,700.00	4,634.26	4,695.37	4,634.26	13.85	13.50	179.94	-509.16	-142.85	1,041.63	1,020.28	21.35	48.794	
4,800.00	4,734.26	4,795.37	4,734.26	14.01	13.64	179.94	-509.16	-142.85	1,041.63	1,019.90	21.73	47.941	
4,900.00	4,834.26	4,895.37	4,834.26	14.17	13.79	179.94	-509.16	-142.85	1,041.63	1,019.52	22.11	47.113	
5,000.00	4,934.26	4,995.37	4,934.26	14.33	13.93	179.94	-509.16	-142.85	1,041.63	1,019.14	22.49	46.307	
5,100.00	5,034.26	5,095.37	5,034.26	14.49	14.08	179.94	-509.16	-142.85	1,041.63	1,018.75	22.88	45.524	
5,200.00	5,134.26	5,195.37	5,134.26	14.65	14.23	179.94	-509.16	-142.85	1,041.63	1,018.36	23.27	44.762	
5,300.00	5,234.26	5,295.37	5,234.26	14.82	14.38	179.94	-509.16	-142.85	1,041.63	1,017.97	23.66	44.022	
5,400.00	5,334.26	5,395.37	5,334.26	14.98	14.53	179.94	-509.16	-142.85	1,041.63	1,017.58	24.05	43.302	
5,500.00	5,434.26	5,495.37	5,434.26	15.15	14.69	179.94	-509.16	-142.85	1,041.63	1,017.18	24.45	42.602	
5,600.00	5,534.26	5,595.37	5,534.26	15.32	14.84	179.94	-509.16	-142.85	1,041.63	1,016.78	24.85	41.921	
5,700.00	5,634.26	5,695.37	5,634.26	15.49	15.00	179.94	-509.16	-142.85	1,041.63	1,016.39	25.25	41.259	
5,800.00	5,734.26	5,795.37	5,734.26	15.66	15.16	179.94	-509.16	-142.85	1,041.63	1,015.99	25.65	40.614	
5,900.00	5,834.26	5,895.37	5,834.26	15.84	15.32	179.94	-509.16	-142.85	1,041.63	1,015.58	26.05	39.987	
6,000.00	5,934.26	5,995.37	5,934.26	16.01	15.49	179.94	-509.16	-142.85	1,041.63	1,015.18	26.45	39.377	
6,100.00	6,034.26	6,095.37	6,034.26	16.19	15.65	179.94	-509.16	-142.85	1,041.63	1,014.77	26.86	38.783	
6,200.00	6,134.26	6,195.37	6,134.26	16.36	15.82	179.94	-509.16	-142.85	1,041.63	1,014.37	27.26	38.205	
6,300.00	6,234.26	6,295.37	6,234.26	16.54	15.98	179.94	-509.16	-142.85	1,041.63	1,013.96	27.67	37.642	
6,400.00	6,334.26	6,395.37	6,334.26	16.72	16.15	179.94	-509.16	-142.85	1,041.63	1,013.55	28.08	37.093	
6,500.00	6,434.26	6,495.37	6,434.26	16.90	16.32	179.94	-509.16	-142.85	1,041.63	1,013.14	28.49	36.559	
6,600.00	6,534.26	6,595.37	6,534.26	17.08	16.49	179.94	-509.16	-142.85	1,041.63	1,012.73	28.90	36.039	
6,700.00	6,634.26	6,695.37	6,634.26	17.27	16.67	179.94	-509.16	-142.85	1,041.63	1,012.32	29.32	35.531	
6,800.00	6,734.26	6,795.37	6,734.26	17.45	16.84	179.94	-509.16	-142.85	1,041.63	1,011.90	29.73	35.037	
6,900.00	6,834.26	6,895.37	6,834.26	17.63	17.02	179.94	-509.16	-142.85	1,041.63	1,011.49	30.14	34.555	
7,000.00	6,934.26	6,995.37	6,934.26	17.82	17.19	179.94	-509.16	-142.85	1,041.63	1,011.07	30.56	34.085	
7,100.00	7,034.26	7,095.37	7,034.26	18.01	17.37	179.94	-509.16	-142.85	1,041.63	1,010.66	30.98	33.626	
7,200.00	7,134.26	7,195.37	7,134.26	18.19	17.55	179.94	-509.16	-142.85	1,041.63	1,010.24	31.39	33.179	
7,300.00	7,234.26	7,295.37	7,234.26	18.38	17.73	179.94	-509.16	-142.85	1,041.63	1,009.82	31.81	32.743	
7,400.00	7,334.26	7,395.37	7,334.26	18.57	17.91	179.94	-509.16	-142.85	1,041.63	1,009.40	32.23	32.317	
7,500.00	7,434.26	7,495.37	7,434.26	18.76	18.09	179.94	-509.16	-142.85	1,041.63	1,008.98	32.65	31.901	
7,600.00	7,534.26	7,595.37	7,534.26	18.95	18.28	179.94	-509.16	-142.85	1,041.63	1,008.56	33.07	31.495	
7,700.00	7,634.26	7,695.37	7,634.26	19.14	18.46	179.94	-509.16	-142.85	1,041.63	1,008.14	33.49	31.098	
7,800.00	7,734.26	7,795.37	7,734.26	19.33	18.64	179.94	-509.16	-142.85	1,041.63	1,007.72	33.92	30.711	
7,900.00	7,834.26	7,895.37	7,834.26	19.53	18.83	179.94	-509.16	-142.85	1,041.63	1,007.29	34.34	30.333	
8,000.00	7,934.26	7,995.37	7,934.26	19.72	19.02	179.94	-509.16	-142.85	1,041.63	1,006.87	34.76	29.963	
8,100.00	8,034.26	8,095.37	8,034.26	19.91	19.20	179.94	-509.16	-142.85	1,041.63	1,006.44	35.19	29.602	
8,200.00	8,134.26	8,195.37	8,134.26	20.11	19.39	179.94	-509.16	-142.85	1,041.63	1,006.02	35.61	29.249	
8,300.00	8,234.26	8,295.37	8,234.26	20.30	19.58	179.94	-509.16	-142.85	1,041.63	1,005.59	36.04	28.903	
8,400.00	8,334.26	8,395.37	8,334.26	20.50	19.77	179.94	-509.16	-142.85	1,041.63	1,005.17	36.46	28.566	
8,500.00	8,434.26	8,495.37	8,434.26	20.70	19.96	179.94	-509.16	-142.85	1,041.63	1,004.74	36.89	28.235	
8,600.00	8,534.26	8,595.37	8,534.26	20.89	20.15	179.94	-509.16	-142.85	1,041.63	1,004.31	37.32	27.912	
8,700.00	8,634.26	8,695.37	8,634.26	21.09	20.34	179.94	-509.16	-142.85	1,041.63	1,003.89	37.75	27.596	
8,800.00	8,734.26	8,795.37	8,734.26	21.29	20.53	179.94	-509.16	-142.85	1,041.63	1,003.46	38.17	27.286	
8,900.00	8,834.26	8,895.37	8,834.26	21.49	20.73	179.94	-509.16	-142.85	1,041.63	1,003.03	38.60	26.983	
9,000.00	8,934.26	8,995.37	8,934.26	21.69	20.92	179.94	-509.16	-142.85	1,041.63	1,002.60	39.03	26.686	
9,100.00	9,034.26	9,095.37	9,034.26	21.89	21.11	179.94	-509.16	-142.85	1,041.63	1,002.17	39.46	26.396	
9,200.00	9,134.26	9,195.37	9,134.26	22.09	21.31	179.94	-509.16	-142.85	1,041.63	1,001.74	39.89	26.111	
9,300.00	9,234.26	9,295.37	9,234.26	22.29	21.50	179.94	-509.16	-142.85	1,041.63	1,001.31	40.32	25.832	
9,400.00	9,334.26	9,395.37	9,334.26	22.49	21.70	179.94	-509.16	-142.85	1,041.63	1,000.88	40.75	25.559	
9,500.00	9,434.26	9,495.37	9,434.26	22.69	21.90	179.94	-509.16	-142.85	1,041.63	1,000.45	41.19	25.292	
9,600.00	9,534.26	9,595.37	9,534.26	22.89	22.09	179.94	-509.16	-142.85	1,041.63	1,000.02	41.62	25.029	
9,700.00	9,634.26	9,695.37	9,634.26	23.09	22.29	179.94	-509.16	-142.85	1,041.63	999.58	42.05	24.772	
9,800.00	9,734.26	9,795.37	9,734.26	23.30	22.49	179.94	-509.16	-142.85	1,041.63	999.15	42.48	24.520	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Weatherford International Ltd.

Anticollision Report

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O2DS - NBU 921-26O2DS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 0-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
9,844.74	9,779.00	9,795.68	9,734.57	23.39	22.49	179.94	-509.16	-142.85	1,042.58	1,000.00	42.58	24.485	

Weatherford International Ltd.

Anticollision Report

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O3BS - NBU 921-26O3BS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 0-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	-91.05	-0.36	-19.89	19.89				
100.00	100.00	100.00	100.00	0.08	0.08	-91.05	-0.36	-19.89	19.89	19.72	0.17	119.586	
200.00	200.00	200.00	200.00	0.31	0.31	-91.05	-0.36	-19.89	19.89	19.27	0.62	32.297	
300.00	300.00	300.00	300.00	0.53	0.53	-91.05	-0.36	-19.89	19.89	18.82	1.07	18.670	CC, ES
400.00	400.00	399.57	399.55	0.76	0.74	-94.95	-1.80	-20.84	20.93	19.44	1.49	14.037	
500.00	500.00	499.20	499.07	0.98	0.94	-103.82	-5.78	-23.49	24.20	22.29	1.92	12.635	
600.00	599.95	598.93	598.66	1.21	1.15	-100.94	-10.12	-26.38	28.67	26.32	2.35	12.193	SF
700.00	699.82	698.47	698.07	1.44	1.38	-113.71	-14.46	-29.26	35.06	32.27	2.79	12.556	
800.00	799.68	798.02	797.47	1.67	1.61	-122.27	-18.80	-32.15	42.64	39.40	3.24	13.169	
900.00	899.54	897.57	896.88	1.90	1.85	-128.17	-23.14	-35.03	50.88	47.19	3.69	13.803	
1,000.00	999.41	997.11	996.29	2.14	2.09	-132.40	-27.48	-37.91	59.50	55.36	4.14	14.384	
1,100.00	1,099.27	1,096.66	1,095.70	2.37	2.33	-135.54	-31.82	-40.80	68.36	63.77	4.59	14.899	
1,200.00	1,199.13	1,196.20	1,195.11	2.61	2.57	-137.96	-36.15	-43.68	77.38	72.34	5.04	15.348	
1,300.00	1,298.99	1,295.75	1,294.52	2.85	2.82	-139.87	-40.49	-46.57	86.51	81.01	5.50	15.740	
1,400.00	1,398.86	1,395.29	1,393.93	3.09	3.06	-141.41	-44.83	-49.45	95.71	89.76	5.95	16.083	
1,500.00	1,498.72	1,494.84	1,493.34	3.33	3.30	-142.69	-49.17	-52.34	104.97	98.57	6.41	16.384	
1,600.00	1,598.58	1,594.38	1,592.75	3.57	3.55	-143.75	-53.51	-55.22	114.28	107.41	6.86	16.651	
1,700.00	1,698.45	1,693.93	1,692.16	3.81	3.79	-144.66	-57.85	-58.11	123.62	116.30	7.32	16.887	
1,800.00	1,798.31	1,793.48	1,791.57	4.05	4.04	-145.44	-62.18	-60.99	132.98	125.20	7.78	17.099	
1,900.00	1,898.17	1,893.02	1,890.97	4.29	4.28	-146.11	-66.52	-63.88	142.36	134.13	8.23	17.289	
2,000.00	1,998.04	1,992.57	1,990.38	4.53	4.53	-146.71	-70.86	-66.76	151.77	143.07	8.69	17.460	
2,100.00	2,097.90	2,092.11	2,089.79	4.78	4.77	-147.23	-75.20	-69.65	161.18	152.03	9.15	17.616	
2,200.00	2,197.76	2,191.66	2,189.20	5.02	5.02	-147.69	-79.54	-72.53	170.61	161.00	9.61	17.757	
2,300.00	2,297.62	2,291.20	2,288.61	5.26	5.26	-148.11	-83.88	-75.41	180.05	169.98	10.07	17.886	
2,400.00	2,397.49	2,390.75	2,388.02	5.50	5.51	-148.49	-88.21	-78.30	189.50	178.97	10.52	18.005	
2,431.56	2,429.00	2,419.58	2,416.80	5.58	5.59	-148.57	-89.63	-79.24	192.68	182.01	10.67	18.066	
2,500.00	2,497.27	2,481.28	2,478.29	5.75	5.75	-148.63	-93.87	-82.06	202.15	191.19	10.96	18.451	
2,600.00	2,596.61	2,569.61	2,565.95	6.03	6.02	-148.83	-102.81	-88.00	223.39	212.01	11.38	19.632	
2,700.00	2,695.21	2,654.93	2,650.08	6.34	6.30	-149.05	-114.64	-95.87	253.16	241.37	11.79	21.466	
2,800.00	2,792.81	2,736.42	2,729.76	6.70	6.61	-149.22	-128.85	-105.31	291.09	278.90	12.20	23.867	
2,900.00	2,889.13	2,813.41	2,804.30	7.10	6.93	-149.26	-144.86	-115.96	336.71	324.13	12.59	26.753	
2,998.31	2,982.34	2,884.24	2,872.14	7.57	7.26	-149.14	-161.79	-127.22	388.54	375.58	12.96	29.980	
3,000.00	2,983.93	2,885.41	2,873.26	7.57	7.27	-149.16	-162.09	-127.41	389.49	376.52	12.97	30.034	
3,100.00	3,077.89	2,953.31	2,937.53	8.09	7.62	-149.81	-180.31	-139.53	446.99	433.51	13.48	33.164	
3,200.00	3,171.86	3,032.54	3,011.98	8.63	8.05	-150.32	-202.87	-154.53	506.09	492.07	14.02	36.093	
3,300.00	3,265.83	3,113.12	3,087.70	9.19	8.51	-150.73	-225.83	-169.79	565.23	550.65	14.57	38.786	
3,400.00	3,359.80	3,193.70	3,163.42	9.76	8.98	-151.06	-248.79	-185.05	624.38	609.24	15.14	41.247	
3,488.61	3,443.06	3,265.11	3,230.52	10.28	9.40	-151.31	-269.13	-198.57	676.80	661.15	15.65	43.252	
3,500.00	3,453.77	3,274.30	3,239.16	10.34	9.45	-151.42	-271.75	-200.31	683.52	667.80	15.72	43.478	
3,600.00	3,548.45	3,356.00	3,315.93	10.81	9.95	-152.22	-295.02	-215.79	741.16	724.82	16.33	45.379	
3,700.00	3,644.19	3,439.45	3,394.35	11.25	10.46	-152.81	-318.80	-231.59	796.24	779.29	16.95	46.972	
3,800.00	3,740.88	3,524.56	3,474.32	11.67	10.99	-153.22	-343.04	-247.71	848.71	831.14	17.57	48.302	
3,900.00	3,838.40	3,611.20	3,555.74	12.05	11.53	-153.48	-367.72	-264.12	898.51	880.33	18.19	49.409	
4,000.00	3,936.63	3,699.29	3,638.51	12.40	12.09	-153.63	-392.82	-280.80	945.60	926.81	18.79	50.325	
4,100.00	4,035.45	3,788.71	3,722.54	12.71	12.66	-153.66	-418.29	-297.74	989.94	970.56	19.38	51.077	
4,200.00	4,134.75	3,879.36	3,807.71	12.98	13.24	-153.61	-444.11	-314.90	1,031.50	1,011.54	19.95	51.692	
4,300.00	4,234.40	3,971.12	3,893.94	13.21	13.84	-153.47	-470.25	-332.28	1,070.26	1,049.75	20.51	52.190	
4,400.00	4,334.27	4,063.88	3,981.10	13.40	14.44	-153.24	-496.68	-349.85	1,106.21	1,085.17	21.03	52.589	
4,488.74	4,423.00	4,146.94	4,059.15	13.53	14.99	-168.11	-520.34	-365.58	1,135.74	1,114.26	21.48	52.873	
4,500.00	4,434.26	4,157.52	4,069.09	13.54	15.06	-168.04	-523.36	-367.59	1,139.35	1,117.82	21.54	52.904	
4,600.00	4,534.26	4,251.49	4,157.39	13.70	15.68	-167.43	-550.13	-385.38	1,171.46	1,149.42	22.04	53.146	
4,700.00	4,634.26	4,345.46	4,245.69	13.85	16.30	-166.85	-576.90	-403.18	1,203.69	1,181.14	22.55	53.387	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Weatherford International Ltd.

Anticollision Report

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O3BS - NBU 921-26O3BS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 0-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
4,800.00	4,734.26	4,439.42	4,333.99	14.01	16.92	-166.30	-603.66	-420.97	1,236.02	1,212.97	23.05	53.625	
4,900.00	4,834.26	4,533.39	4,422.29	14.17	17.55	-165.77	-630.43	-438.77	1,268.46	1,244.91	23.55	53.861	
5,000.00	4,934.26	4,627.36	4,510.58	14.33	18.17	-165.28	-657.20	-456.57	1,300.98	1,276.93	24.05	54.094	
5,100.00	5,034.26	4,721.32	4,598.88	14.49	18.80	-164.80	-683.97	-474.36	1,333.59	1,309.04	24.55	54.324	
5,200.00	5,134.26	4,815.29	4,687.18	14.65	19.43	-164.35	-710.74	-492.16	1,366.27	1,341.22	25.05	54.549	
5,300.00	5,234.26	4,909.26	4,775.48	14.82	20.06	-163.92	-737.51	-509.96	1,399.03	1,373.49	25.54	54.771	
5,400.00	5,334.26	5,003.22	4,863.77	14.98	20.70	-163.51	-764.28	-527.75	1,431.86	1,405.82	26.04	54.988	
5,500.00	5,434.26	5,097.19	4,952.07	15.15	21.33	-163.12	-791.05	-545.55	1,464.75	1,438.21	26.54	55.200	
5,600.00	5,534.26	5,191.16	5,040.37	15.32	21.97	-162.75	-817.82	-563.34	1,497.69	1,470.66	27.03	55.408	
5,700.00	5,634.26	5,285.12	5,128.67	15.49	22.60	-162.39	-844.59	-581.14	1,530.70	1,503.17	27.53	55.611	
5,800.00	5,734.26	5,379.09	5,216.96	15.66	23.24	-162.04	-871.36	-598.94	1,563.75	1,535.73	28.02	55.809	
5,900.00	5,834.26	5,473.06	5,305.26	15.84	23.87	-161.71	-898.13	-616.73	1,596.86	1,568.34	28.51	56.003	
6,000.00	5,934.26	5,567.02	5,393.56	16.01	24.51	-161.40	-924.89	-634.53	1,630.01	1,601.00	29.01	56.191	
6,100.00	6,034.26	5,682.80	5,502.44	16.19	25.26	-161.03	-957.67	-656.32	1,663.09	1,633.53	29.56	56.264	
6,200.00	6,134.26	5,904.59	5,714.47	16.36	26.23	-160.45	-1,011.70	-692.24	1,691.53	1,661.22	30.31	55.806	
6,300.00	6,234.26	6,135.81	5,940.17	16.54	27.03	-160.04	-1,053.30	-719.90	1,712.56	1,681.53	31.03	55.193	
6,400.00	6,334.26	6,373.92	6,176.01	16.72	27.63	-159.79	-1,080.17	-737.76	1,725.76	1,694.06	31.70	54.444	
6,500.00	6,434.26	6,615.82	6,417.51	16.90	28.00	-159.69	-1,090.67	-744.74	1,730.84	1,698.53	32.30	53.584	
6,600.00	6,534.26	6,732.57	6,534.26	17.08	28.12	-159.69	-1,090.79	-744.82	1,730.89	1,698.21	32.69	52.955	
6,700.00	6,634.26	6,832.57	6,634.26	17.27	28.21	-159.69	-1,090.79	-744.82	1,730.89	1,697.85	33.04	52.390	
6,800.00	6,734.26	6,932.57	6,734.26	17.45	28.30	-159.69	-1,090.79	-744.82	1,730.89	1,697.50	33.39	51.834	
6,900.00	6,834.26	7,032.57	6,834.26	17.63	28.39	-159.69	-1,090.79	-744.82	1,730.89	1,697.14	33.75	51.286	
7,000.00	6,934.26	7,132.57	6,934.26	17.82	28.49	-159.69	-1,090.79	-744.82	1,730.89	1,696.78	34.11	50.746	
7,100.00	7,034.26	7,232.57	7,034.26	18.01	28.59	-159.69	-1,090.79	-744.82	1,730.89	1,696.42	34.47	50.215	
7,200.00	7,134.26	7,332.57	7,134.26	18.19	28.69	-159.69	-1,090.79	-744.82	1,730.89	1,696.06	34.83	49.692	
7,300.00	7,234.26	7,432.57	7,234.26	18.38	28.79	-159.69	-1,090.79	-744.82	1,730.89	1,695.69	35.20	49.177	
7,400.00	7,334.26	7,532.57	7,334.26	18.57	28.89	-159.69	-1,090.79	-744.82	1,730.89	1,695.33	35.56	48.670	
7,500.00	7,434.26	7,632.57	7,434.26	18.76	28.99	-159.69	-1,090.79	-744.82	1,730.89	1,694.96	35.93	48.171	
7,600.00	7,534.26	7,732.57	7,534.26	18.95	29.09	-159.69	-1,090.79	-744.82	1,730.89	1,694.59	36.30	47.680	
7,700.00	7,634.26	7,832.57	7,634.26	19.14	29.20	-159.69	-1,090.79	-744.82	1,730.89	1,694.22	36.67	47.196	
7,800.00	7,734.26	7,932.57	7,734.26	19.33	29.31	-159.69	-1,090.79	-744.82	1,730.89	1,693.84	37.05	46.720	
7,900.00	7,834.26	8,032.57	7,834.26	19.53	29.41	-159.69	-1,090.79	-744.82	1,730.89	1,693.47	37.42	46.252	
8,000.00	7,934.26	8,132.57	7,934.26	19.72	29.52	-159.69	-1,090.79	-744.82	1,730.89	1,693.09	37.80	45.791	
8,100.00	8,034.26	8,232.57	8,034.26	19.91	29.63	-159.69	-1,090.79	-744.82	1,730.89	1,692.71	38.18	45.338	
8,200.00	8,134.26	8,332.57	8,134.26	20.11	29.75	-159.69	-1,090.79	-744.82	1,730.89	1,692.33	38.56	44.891	
8,300.00	8,234.26	8,432.57	8,234.26	20.30	29.86	-159.69	-1,090.79	-744.82	1,730.89	1,691.95	38.94	44.452	
8,400.00	8,334.26	8,532.57	8,334.26	20.50	29.97	-159.69	-1,090.79	-744.82	1,730.89	1,691.57	39.32	44.020	
8,500.00	8,434.26	8,632.57	8,434.26	20.70	30.09	-159.69	-1,090.79	-744.82	1,730.89	1,691.19	39.70	43.594	
8,600.00	8,534.26	8,732.57	8,534.26	20.89	30.21	-159.69	-1,090.79	-744.82	1,730.89	1,690.80	40.09	43.175	
8,700.00	8,634.26	8,832.57	8,634.26	21.09	30.32	-159.69	-1,090.79	-744.82	1,730.89	1,690.42	40.48	42.763	
8,800.00	8,734.26	8,932.57	8,734.26	21.29	30.44	-159.69	-1,090.79	-744.82	1,730.89	1,690.03	40.86	42.357	
8,900.00	8,834.26	9,032.57	8,834.26	21.49	30.56	-159.69	-1,090.79	-744.82	1,730.89	1,689.64	41.25	41.958	
9,000.00	8,934.26	9,132.57	8,934.26	21.69	30.69	-159.69	-1,090.79	-744.82	1,730.89	1,689.25	41.64	41.565	
9,100.00	9,034.26	9,232.57	9,034.26	21.89	30.81	-159.69	-1,090.79	-744.82	1,730.89	1,688.86	42.03	41.178	
9,200.00	9,134.26	9,332.57	9,134.26	22.09	30.93	-159.69	-1,090.79	-744.82	1,730.89	1,688.47	42.43	40.798	
9,300.00	9,234.26	9,432.57	9,234.26	22.29	31.06	-159.69	-1,090.79	-744.82	1,730.89	1,688.07	42.82	40.423	
9,400.00	9,334.26	9,532.57	9,334.26	22.49	31.18	-159.69	-1,090.79	-744.82	1,730.89	1,687.68	43.21	40.054	
9,500.00	9,434.26	9,632.57	9,434.26	22.69	31.31	-159.69	-1,090.79	-744.82	1,730.89	1,687.28	43.61	39.691	
9,600.00	9,534.26	9,732.57	9,534.26	22.89	31.44	-159.69	-1,090.79	-744.82	1,730.89	1,686.89	44.01	39.333	
9,700.00	9,634.26	9,832.57	9,634.26	23.09	31.57	-159.69	-1,090.79	-744.82	1,730.89	1,686.49	44.40	38.981	
9,763.27	9,697.52	9,895.84	9,697.52	23.22	31.65	-159.69	-1,090.79	-744.82	1,730.89	1,686.24	44.66	38.761	
9,800.00	9,734.26	9,923.31	9,725.00	23.30	31.69	-159.69	-1,090.79	-744.82	1,730.92	1,686.13	44.78	38.650	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Weatherford International Ltd.

Anticollision Report

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O3BS - NBU 921-26O3BS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 0-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
9,844.74	9,779.00	9,923.31	9,725.00	23.39	31.69	-159.69	-1,090.79	-744.82	1,731.73	1,686.85	44.88	38.585	

Weatherford International Ltd.

Anticollision Report

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26P4BS - NBU 921-26P4BS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 0-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	87.90	0.73	19.89	19.90				
100.00	100.00	100.00	100.00	0.08	0.08	87.90	0.73	19.89	19.90	19.73	0.17	119.646	
200.00	200.00	200.00	200.00	0.31	0.31	87.90	0.73	19.89	19.90	19.28	0.62	32.313	
300.00	300.00	300.00	300.00	0.53	0.53	87.90	0.73	19.89	19.90	18.83	1.07	18.679	
400.00	400.00	400.00	400.00	0.76	0.76	87.90	0.73	19.89	19.90	18.39	1.51	13.136	
500.00	500.00	500.00	500.00	0.98	0.98	87.90	0.73	19.89	19.90	17.94	1.96	10.130	CC, ES
600.00	599.95	599.95	599.95	1.21	1.21	110.10	0.73	19.89	20.65	18.24	2.41	8.556	
700.00	699.82	699.82	699.82	1.44	1.43	122.44	0.73	19.89	22.98	20.12	2.86	8.024	
800.00	799.68	799.68	799.68	1.67	1.66	132.15	0.73	19.89	26.17	22.85	3.32	7.890	SF
900.00	899.54	899.54	899.54	1.90	1.88	139.59	0.73	19.89	29.93	26.17	3.77	7.944	
1,000.00	999.41	999.41	999.41	2.14	2.10	145.30	0.73	19.89	34.09	29.87	4.22	8.079	
1,100.00	1,099.27	1,099.27	1,099.27	2.37	2.33	149.74	0.73	19.89	38.51	33.84	4.67	8.245	
1,200.00	1,199.13	1,199.13	1,199.13	2.61	2.55	153.24	0.73	19.89	43.11	37.99	5.12	8.418	
1,300.00	1,298.99	1,298.99	1,298.99	2.85	2.78	156.07	0.73	19.89	47.84	42.27	5.57	8.586	
1,400.00	1,398.86	1,398.86	1,398.86	3.09	3.00	158.38	0.73	19.89	52.67	46.65	6.02	8.745	
1,500.00	1,498.72	1,498.72	1,498.72	3.33	3.23	160.29	0.73	19.89	57.57	51.10	6.47	8.892	
1,600.00	1,598.58	1,598.58	1,598.58	3.57	3.45	161.91	0.73	19.89	62.52	55.60	6.93	9.028	
1,700.00	1,698.45	1,698.45	1,698.45	3.81	3.68	163.29	0.73	19.89	67.52	60.14	7.38	9.153	
1,800.00	1,798.31	1,798.31	1,798.31	4.05	3.90	164.48	0.73	19.89	72.55	64.72	7.83	9.268	
1,900.00	1,898.17	1,898.17	1,898.17	4.29	4.12	165.51	0.73	19.89	77.60	69.32	8.28	9.374	
2,000.00	1,998.04	1,998.04	1,998.04	4.53	4.35	166.42	0.73	19.89	82.68	73.95	8.73	9.471	
2,100.00	2,097.90	2,097.90	2,097.90	4.78	4.57	167.22	0.73	19.89	87.78	78.60	9.18	9.560	
2,200.00	2,197.76	2,197.76	2,197.76	5.02	4.80	167.94	0.73	19.89	92.89	83.26	9.63	9.643	
2,300.00	2,297.62	2,297.62	2,297.62	5.26	5.02	168.58	0.73	19.89	98.01	87.93	10.08	9.719	
2,400.00	2,397.49	2,396.63	2,396.63	5.50	5.24	169.13	0.68	19.95	103.22	92.69	10.53	9.803	
2,431.56	2,429.00	2,426.65	2,426.64	5.58	5.30	169.16	0.36	20.36	105.33	94.67	10.66	9.884	
2,500.00	2,497.27	2,491.39	2,491.32	5.75	5.41	168.95	-1.30	22.50	112.61	101.69	10.92	10.314	
2,600.00	2,596.61	2,584.29	2,583.90	6.03	5.59	168.23	-6.02	28.60	131.21	119.92	11.29	11.621	
2,700.00	2,695.21	2,674.14	2,672.97	6.34	5.77	167.29	-13.21	37.88	159.01	147.37	11.64	13.655	
2,800.00	2,792.81	2,759.92	2,757.40	6.70	5.96	166.32	-22.46	49.81	195.63	183.65	11.98	16.332	
2,900.00	2,889.13	2,840.78	2,836.29	7.10	6.17	165.40	-33.30	63.80	240.54	228.25	12.29	19.574	
2,998.31	2,982.34	2,914.90	2,907.89	7.57	6.38	164.54	-45.02	78.93	292.21	279.64	12.57	23.244	
3,000.00	2,983.93	2,916.12	2,909.07	7.57	6.38	164.54	-45.23	79.20	293.17	280.59	12.58	23.305	
3,100.00	3,077.89	2,986.86	2,976.65	8.09	6.62	164.17	-58.02	95.71	350.77	337.76	13.01	26.954	
3,200.00	3,171.86	3,054.27	3,040.28	8.63	6.88	163.75	-71.63	113.27	411.09	397.63	13.46	30.546	
3,300.00	3,265.83	3,132.99	3,114.14	9.19	7.22	163.29	-88.32	134.80	472.69	458.76	13.93	33.934	
3,400.00	3,359.80	3,211.71	3,188.01	9.76	7.59	162.93	-105.00	156.33	534.31	519.91	14.41	37.091	
3,488.61	3,443.06	3,281.47	3,253.45	10.28	7.94	162.68	-119.79	175.41	588.92	574.08	14.84	39.692	
3,500.00	3,453.77	3,290.45	3,261.88	10.34	7.99	162.70	-121.69	177.87	595.92	581.02	14.90	39.991	
3,600.00	3,548.45	3,370.39	3,336.88	10.81	8.41	162.85	-138.63	199.73	655.93	640.47	15.46	42.441	
3,700.00	3,644.19	3,452.25	3,413.69	11.25	8.86	162.91	-155.98	222.12	713.25	697.24	16.01	44.552	
3,800.00	3,740.88	3,535.93	3,492.20	11.67	9.34	162.90	-173.72	245.01	767.83	751.27	16.56	46.364	
3,900.00	3,838.40	3,621.33	3,572.32	12.05	9.85	162.83	-191.81	268.36	819.61	802.51	17.11	47.911	
4,000.00	3,936.63	3,708.33	3,653.95	12.40	10.38	162.71	-210.25	292.16	868.55	850.91	17.64	49.225	
4,100.00	4,035.45	3,796.84	3,736.99	12.71	10.92	162.54	-229.01	316.37	914.60	896.43	18.17	50.332	
4,200.00	4,134.75	3,886.75	3,821.35	12.98	11.49	162.32	-248.07	340.96	957.72	939.04	18.69	51.255	
4,300.00	4,234.40	3,977.95	3,906.91	13.21	12.08	162.06	-267.40	365.90	997.89	978.71	19.18	52.020	
4,400.00	4,334.27	4,070.32	3,993.58	13.40	12.68	161.76	-286.97	391.17	1,035.07	1,015.41	19.66	52.645	
4,488.74	4,423.00	4,153.18	4,071.32	13.53	13.23	146.32	-304.53	413.83	1,065.55	1,045.48	20.07	53.095	
4,500.00	4,434.26	4,163.75	4,081.24	13.54	13.30	146.25	-306.77	416.72	1,069.27	1,049.14	20.12	53.140	
4,600.00	4,534.26	4,257.57	4,169.26	13.70	13.93	145.69	-326.66	442.38	1,102.33	1,081.72	20.61	53.498	
4,700.00	4,634.26	4,351.39	4,257.29	13.85	14.56	145.15	-346.54	468.04	1,135.49	1,114.40	21.09	53.843	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Weatherford International Ltd.

Anticollision Report

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26P4BS - NBU 921-26P4BS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 0-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
4,800.00	4,734.26	4,445.22	4,345.32	14.01	15.20	144.65	-366.43	493.70	1,168.72	1,147.15	21.57	54.177	
4,900.00	4,834.26	4,539.04	4,433.35	14.17	15.84	144.17	-386.31	519.36	1,202.04	1,179.98	22.06	54.499	
5,000.00	4,934.26	4,632.86	4,521.37	14.33	16.48	143.72	-406.20	545.03	1,235.43	1,212.89	22.54	54.810	
5,100.00	5,034.26	4,726.69	4,609.40	14.49	17.13	143.29	-426.08	570.69	1,268.88	1,245.86	23.02	55.110	
5,200.00	5,134.26	4,820.51	4,697.43	14.65	17.78	142.89	-445.97	596.35	1,302.39	1,278.88	23.51	55.400	
5,300.00	5,234.26	4,914.33	4,785.46	14.82	18.43	142.50	-465.85	622.01	1,335.96	1,311.97	23.99	55.680	
5,400.00	5,334.26	5,008.16	4,873.49	14.98	19.09	142.14	-485.74	647.67	1,369.58	1,345.10	24.48	55.951	
5,500.00	5,434.26	5,101.98	4,961.51	15.15	19.75	141.79	-505.62	673.33	1,403.25	1,378.28	24.96	56.212	
5,600.00	5,534.26	5,195.80	5,049.54	15.32	20.41	141.45	-525.50	698.99	1,436.96	1,411.51	25.45	56.463	
5,700.00	5,634.26	5,289.63	5,137.57	15.49	21.07	141.14	-545.39	724.65	1,470.71	1,444.77	25.94	56.706	
5,800.00	5,734.26	5,383.45	5,225.60	15.66	21.74	140.83	-565.27	750.31	1,504.50	1,478.08	26.42	56.941	
5,900.00	5,834.26	5,477.27	5,313.62	15.84	22.40	140.54	-585.16	775.98	1,538.33	1,511.42	26.91	57.167	
6,000.00	5,934.26	5,571.10	5,401.65	16.01	23.07	140.26	-605.04	801.64	1,572.19	1,544.79	27.40	57.386	
6,100.00	6,034.26	5,664.92	5,489.68	16.19	23.74	140.00	-624.93	827.30	1,606.08	1,578.20	27.88	57.597	
6,200.00	6,134.26	5,758.74	5,577.71	16.36	24.41	139.74	-644.81	852.96	1,640.00	1,611.63	28.37	57.800	
6,300.00	6,234.26	5,852.56	5,665.73	16.54	25.08	139.50	-664.70	878.62	1,673.95	1,645.09	28.86	57.997	
6,400.00	6,334.26	5,946.39	5,753.76	16.72	25.75	139.26	-684.58	904.28	1,707.93	1,678.58	29.35	58.187	
6,500.00	6,434.26	6,040.21	5,841.79	16.90	26.42	139.04	-704.47	929.94	1,741.93	1,712.09	29.84	58.371	
6,600.00	6,534.26	6,134.03	5,929.82	17.08	27.10	138.82	-724.35	955.60	1,775.95	1,745.62	30.33	58.548	
6,700.00	6,634.26	6,227.86	6,017.85	17.27	27.77	138.61	-744.24	981.26	1,810.00	1,779.17	30.82	58.720	
6,800.00	6,734.26	6,321.68	6,105.87	17.45	28.44	138.41	-764.12	1,006.93	1,844.06	1,812.75	31.32	58.885	
6,900.00	6,834.26	6,415.50	6,193.90	17.63	29.12	138.21	-784.00	1,032.59	1,878.15	1,846.34	31.81	59.045	
7,000.00	6,934.26	6,509.33	6,281.93	17.82	29.80	138.02	-803.89	1,058.25	1,912.25	1,879.95	32.30	59.200	
7,100.00	7,034.26	6,603.15	6,369.96	18.01	30.47	137.84	-823.77	1,083.91	1,946.38	1,913.58	32.80	59.349	
7,200.00	7,134.26	6,715.80	6,475.70	18.19	31.25	137.64	-847.57	1,114.62	1,980.47	1,947.13	33.34	59.401	
7,300.00	7,234.26	7,022.31	6,769.25	18.38	32.72	137.20	-901.27	1,183.91	2,008.76	1,974.40	34.36	58.461	
7,400.00	7,334.26	7,345.43	7,086.96	18.57	33.77	136.93	-936.74	1,229.69	2,026.49	1,991.18	35.31	57.393	
7,500.00	7,434.26	7,677.84	7,418.47	18.76	34.35	136.83	-950.13	1,246.98	2,033.00	1,996.86	36.14	56.260	
7,600.00	7,534.26	7,793.63	7,534.26	18.95	34.46	136.83	-950.19	1,247.05	2,033.03	1,996.49	36.54	55.645	
7,700.00	7,634.26	7,893.63	7,634.26	19.14	34.56	136.83	-950.19	1,247.05	2,033.03	1,996.11	36.91	55.076	
7,800.00	7,734.26	7,993.63	7,734.26	19.33	34.66	136.83	-950.19	1,247.05	2,033.03	1,995.73	37.29	54.516	
7,900.00	7,834.26	8,093.63	7,834.26	19.53	34.76	136.83	-950.19	1,247.05	2,033.03	1,995.35	37.67	53.966	
8,000.00	7,934.26	8,193.63	7,934.26	19.72	34.86	136.83	-950.19	1,247.05	2,033.03	1,994.97	38.05	53.424	
8,100.00	8,034.26	8,293.63	8,034.26	19.91	34.97	136.83	-950.19	1,247.05	2,033.03	1,994.59	38.44	52.891	
8,200.00	8,134.26	8,393.63	8,134.26	20.11	35.07	136.83	-950.19	1,247.05	2,033.03	1,994.20	38.82	52.367	
8,300.00	8,234.26	8,493.63	8,234.26	20.30	35.18	136.83	-950.19	1,247.05	2,033.03	1,993.82	39.21	51.851	
8,400.00	8,334.26	8,593.63	8,334.26	20.50	35.28	136.83	-950.19	1,247.05	2,033.03	1,993.43	39.60	51.344	
8,500.00	8,434.26	8,693.63	8,434.26	20.70	35.39	136.83	-950.19	1,247.05	2,033.03	1,993.04	39.98	50.845	
8,600.00	8,534.26	8,793.63	8,534.26	20.89	35.50	136.83	-950.19	1,247.05	2,033.03	1,992.65	40.37	50.355	
8,700.00	8,634.26	8,893.63	8,634.26	21.09	35.61	136.83	-950.19	1,247.05	2,033.03	1,992.26	40.77	49.872	
8,800.00	8,734.26	8,993.63	8,734.26	21.29	35.72	136.83	-950.19	1,247.05	2,033.03	1,991.87	41.16	49.397	
8,900.00	8,834.26	9,093.63	8,834.26	21.49	35.83	136.83	-950.19	1,247.05	2,033.03	1,991.48	41.55	48.929	
9,000.00	8,934.26	9,193.63	8,934.26	21.69	35.94	136.83	-950.19	1,247.05	2,033.03	1,991.08	41.94	48.470	
9,100.00	9,034.26	9,293.63	9,034.26	21.89	36.06	136.83	-950.19	1,247.05	2,033.03	1,990.69	42.34	48.017	
9,200.00	9,134.26	9,393.63	9,134.26	22.09	36.17	136.83	-950.19	1,247.05	2,033.03	1,990.29	42.74	47.572	
9,300.00	9,234.26	9,493.63	9,234.26	22.29	36.29	136.83	-950.19	1,247.05	2,033.03	1,989.89	43.13	47.134	
9,400.00	9,334.26	9,593.63	9,334.26	22.49	36.41	136.83	-950.19	1,247.05	2,033.03	1,989.50	43.53	46.703	
9,500.00	9,434.26	9,693.63	9,434.26	22.69	36.52	136.83	-950.19	1,247.05	2,033.03	1,989.10	43.93	46.278	
9,600.00	9,534.26	9,793.63	9,534.26	22.89	36.64	136.83	-950.19	1,247.05	2,033.03	1,988.70	44.33	45.860	
9,700.00	9,634.26	9,893.63	9,634.26	23.09	36.76	136.83	-950.19	1,247.05	2,033.03	1,988.30	44.73	45.449	
9,730.17	9,664.43	9,923.81	9,664.43	23.15	36.80	136.83	-950.19	1,247.05	2,033.03	1,988.17	44.85	45.326	
9,800.00	9,734.26	9,941.37	9,682.00	23.30	36.82	136.83	-950.19	1,247.05	2,033.70	1,988.66	45.04	45.157	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Weatherford International Ltd.

Anticollision Report

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26P4BS - NBU 921-26P4BS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 0-MWD

Offset Well Error: 0.00 ft

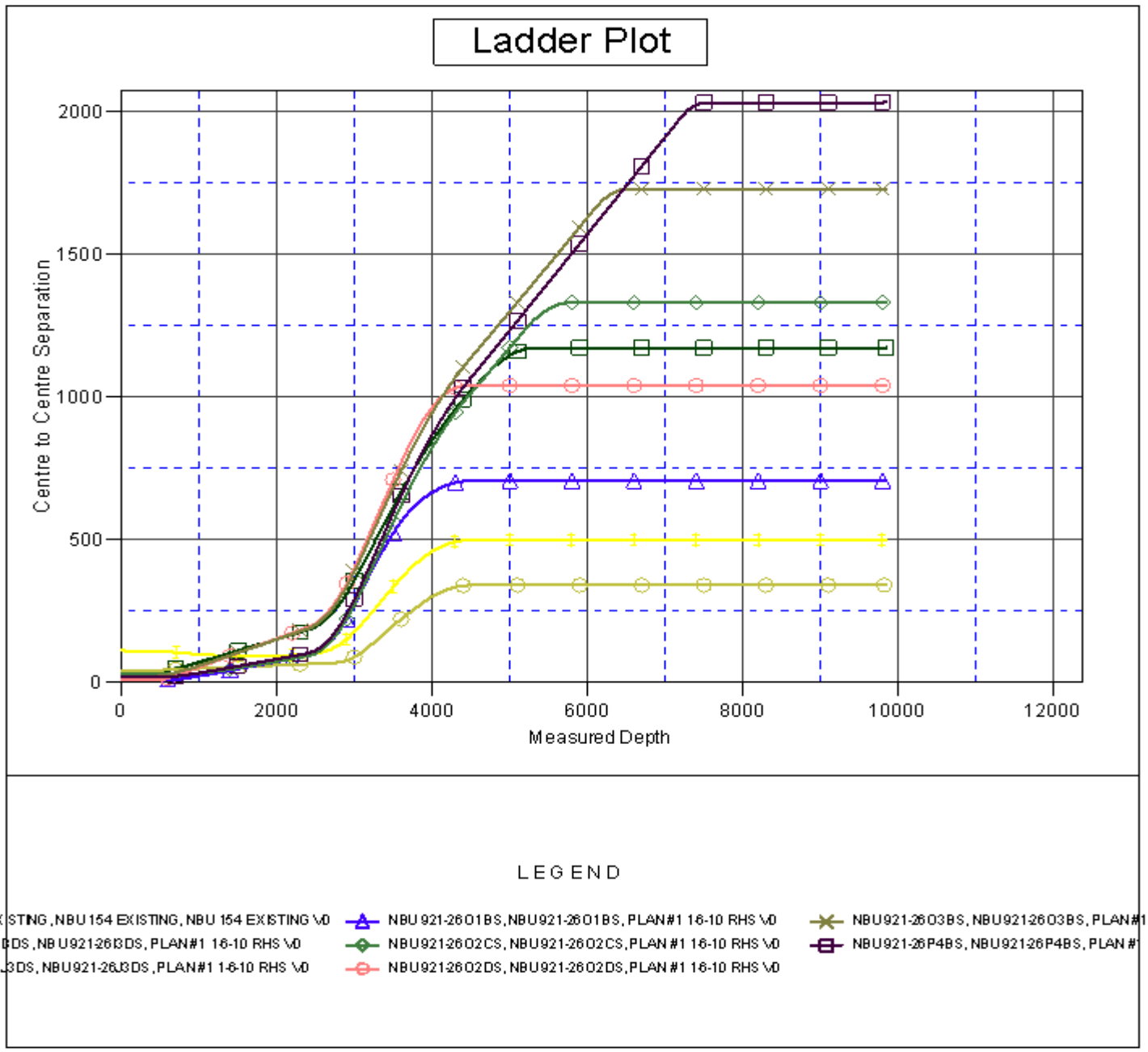
Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
9,844.74	9,779.00	9,941.37	9,682.00	23.39	36.82	136.83	-950.19	1,247.05	2,035.34	1,990.21	45.13	45.097	

Weatherford International Ltd.

Anticollision Report

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Reference Depths are relative to WELL @ 5035.00ft (Original Well Ele\Coordinates are relative to: NBU 921-26J3AS
Offset Depths are relative to Offset Datum
Coordinate System is Universal Transverse Mercator (US Survey Feet), Zone 12N
Central Meridian is 111° 0' 0.000 W °
Grid Convergence at Surface is: 0.95°

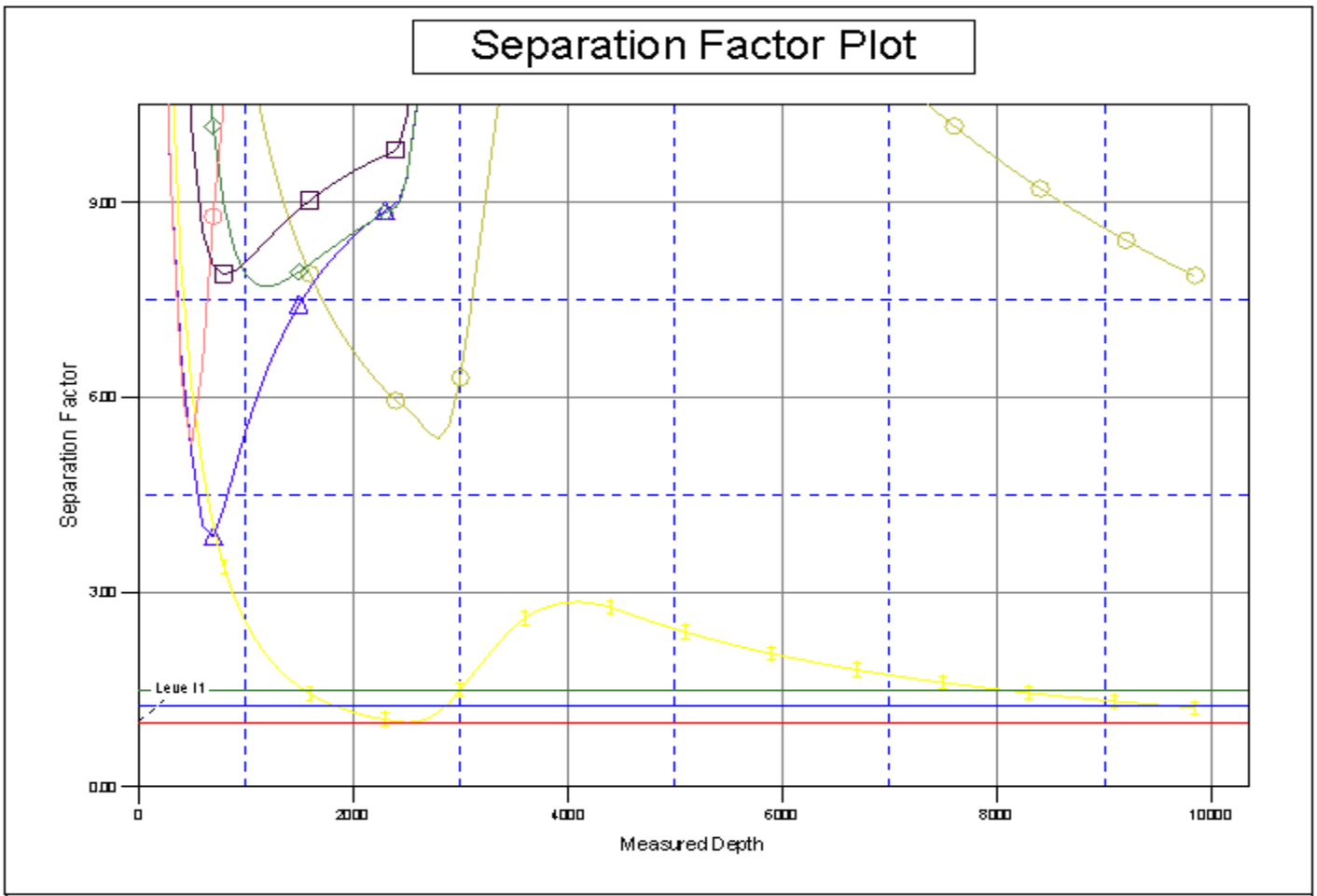


Weatherford International Ltd.

Anticollision Report

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Reference Depths are relative to WELL @ 5035.00ft (Original Well Ele\Coordinates are relative to: NBU 921-26J3AS
Offset Depths are relative to Offset Datum
Coordinate System is Universal Transverse Mercator (US Survey Feet), Zone 12N
Central Meridian is 111° 0' 0.000 W °
Grid Convergence at Surface is: 0.95°



LEGEND

EXISTING, NBU 154 EXISTING, NBU 154 EXISTING \v0
26DS, NBU921-26D3DS, PLAN#1 1-6-10 RHS \v0
26J3DS, NBU921-26J3DS, PLAN#1 1-6-10 RHS \v0
NBU 921-26O1BS, NBU921-26O1BS, PLAN#1 1-6-10 RHS \v0
NBU921-26O2CS, NBU921-26O2CS, PLAN#1 1-6-10 RHS \v0
NBU921-26O2DS, NBU921-26O2DS, PLAN#1 1-6-10 RHS \v0
NBU921-26O3BS, NBU921-26O3BS, PLAN#1
NBU921-26P4BS, NBU921-26P4BS, PLAN#1 1

NBU 921-26J3AS

Pad: NBU 921-26J
Surface: 1,437’ FSL 1,841’ FEL (NW/4SE/4)
BHL: 1,969’ FSL 1,985’ FEL (NW/4SE/4)
Sec. 26 T9S R21E

Uintah, Utah
Mineral Lease: ML 22934

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. – 2. Estimated Tops of Important Geologic Markers:
Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:

Formation	Depth	Resource
Uinta	0 – Surface	
Green River	1,513’	
Birds Nest	1,813’	Water
Mahogany	2,179’	Water
Wasatch	4,782’	Gas
Mesaverde	7,518’	Gas
MVU2	8,408’	Gas
MVL1	8,997’	Gas
TVD	9,779’	
TD	9,845’	

3. Pressure Control Equipment (Schematic Attached)

Please refer to the attached Drilling Program.

4. Proposed Casing & Cementing Program:

Please refer to the attached Drilling Program.

5. Drilling Fluids Program:

Please refer to the attached Drilling Program.

6. Evaluation Program:

Please refer to the attached Drilling Program.

7. Abnormal Conditions:

Maximum anticipated bottomhole pressure calculated at 9,779' TVD, approximately equals 6,093 psi (calculated at 0.61 psi/foot).

Maximum anticipated surface pressure equals approximately 3,941 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. Anticipated Starting Dates:

Drilling is planned to commence immediately upon approval of this application.

9. Variances:

Please refer to the attached Drilling Program.
Onshore Order #2 – Air Drilling Variance

Kerr-McGee Oil & Gas Onshore LP (KMG) respectfully requests a variance to several requirements associated with air drilling outlined in Onshore Order 2

- *Blowout Prevention Equipment (BOPE) requirements;*
- *Mud program requirements; and*
- *Special drilling operation (surface equipment placement) requirements associated with air drilling.*

This Standard Operating Practices addendum provides supporting information as to why KMG current air drilling practices for constructing the surface casing hole should be granted a variance to Onshore Order 2 air drilling requirements.

The reader should note that the air rig is used only to construct a stable surface casing hole through a historically difficult lost circulation zone. A conventional rotary rig follows the air rig, and is used to drill and construct the majority of the wellbore.

More notable, KMG has used the air rig layout and procedures outlined below to drill the surface casing hole in approximately 675 wells without incident of blow out or loss of life.

Background
In a typical well, KMG utilizes an air rig for drilling the surface casing hole, an interval from the surface to surface casing depths, which varies in depth from 1,700 to 2,800 feet. The air rig drilling operation does not drill through productive or over pressured formations in KMG field, but does penetrate the Uinta and Green River Formations. The purpose of the air drilling operation is to overcome the severe loss circulation zone in the Green River known as the Bird's Nest while creating a stable hole for the surface casing. The surface casing hole is generally drilled to approximately 500 feet below the Bird's Nest.

Before the surface air rig is mobilized, a rathole rig is utilized to set and cement conductor pipe through a competent surface formation. Generally, the conductor is set at 40 feet. In some cases, conductor may be set deeper in areas that the surface formation is not found competent. This rig also drills the rat and mouse holes in preparation for the surface casing and production string drilling operations.

The air rig is then mobilized to drill the surface casing hole by drilling a 12-1/4 inch hole to just above the Bird's Nest interval with an air hammer. The hammer is then tripped and replaced with a 12-1/4 inch tri-cone bit. The tri-cone bit is used to drill to the surface casing point, approximately 500 feet below the loss circulation zone (Bird's Nest). The 9-5/8 inch surface casing is then run and cemented in place, thereby isolating the lost circulation zone.

KMG fully appreciates Onshore Order 2 well control and safety requirements associated with a typical air drilling operations. However, the requirements of Onshore Order 2 are excessive with respect to the air rig layout and drilling operation procedures that are currently in practice to drill and control the surface casing hole in KMG Fields.

Variance for BOPE Requirements
The air rig operation utilizes a properly lubricated and maintained air bowl diverter system which diverts the drilling returns to a six-inch blooie line. The air bowl is the only piece of BOPE equipment which is installed during drilling operations and is sufficient to contain the air returns associated with this drilling operation. As was discussed earlier, the drilling of the surface hole does not encounter any over pressured or productive zones, and as a result standard BOPE equipment should not be required. In addition, standard drilling practices do not support the use of BOPE on 40 feet of conductor pipe.

Variance for Mud Material Requirements
Onshore Order 2 also states that sufficient quantities of mud materials shall be maintained or readily accessible for the purpose of assuring adequate well control. Once again, the surface hole drilling operations does not encounter over pressured or productive intervals, and as a result there is not a need to control pressure in the surface hole with a mud system. Instead of mud, the air rigs utilize water from the reserve pit for well control, if necessary. A skid pump which is located near the reserve pit (see attachment) will supply the water to the well bore.

Variance for Special Drilling Operation (surface equipment placement) Requirements
Onshore Order 2 requires specific safety distances or setbacks for the placement of associated standard air drilling equipment, wellbore, and reserve pits. The air rigs used to drill the surface holes are not typical of an air rig used to drill a producing hole in other parts of the US. These are smaller in nature and designed to fit a KMG location. The typical air rig layout for drilling surface hole in the field is attached.

Typically the blooie line discharge point is required to be 100 feet from the well bore. In the case of a KMG well, the reserve pit is only 45 feet from the rig and is used for the drill cuttings. The blooie line, which transports the drill cuttings from the well to the reserve pit, subsequently discharges only 45 feet from the well bore.

Typically the air rig compressors are required to be located in the opposite direction from the blooie line and a minimum of 100 feet from the well bore. At the KMG locations, the air rig compressors are approximately 40 feet from the well bore and approximately 60 feet from the blooie line discharge due to the unique air rig design. The air compressors (see attachment) are located on the rig (1250 cfm) and on a standby trailer (1170 cfm). A booster sits between the two compressors and boosts the output from 350 psi to 2000 psi. The design does put the booster and standby compressor opposite from the blooie line.

Lastly, Onshore Order 2 addresses the need for an automatic igniter or continuous pilot light on the blooie line. The air rig does not utilize an igniter as the surface hole drilling operation does not encounter productive formations.

Conclusion
The air rig operating procedures and the attached air rig layout have effectively maintained well control while drilling the surface holes in KMG Fields. KMG respectfully requests a variance from Onshore Order 2 with respect to air drilling well control requirements as discussed above.

10. Other Information:

Please refer to the attached Drilling Program.

KERR-McGEE OIL & GAS ONSHORE LP

DRILLING PROGRAM

COMPANY NAME	KERR-McGEE OIL & GAS ONSHORE LP	DATE	January 11, 2010
WELL NAME	**NBU 921-26J3AS**	TD	9,779' TVD 9,845' MD
FIELD	Natural Buttes	COUNTY Uintah	STATE Utah
FINISHED ELEVATION	5,009'		
SURFACE LOCATION	NW/4 SE/4 1,437' FSL 1,841' FEL Sec 26 T 9S R 21E		
	Latitude: 40.003738 Longitude: -109.515377 NAD 27		
BTM HOLE LOCATION	NW/4 SE/4 1,969' FSL 1,985' FEL Sec 26 T 9S R 21E		
	Latitude: 40.005200 Longitude: -109.515891 NAD 27		
OBJECTIVE ZONE(S)	Wasatch/Mesaverde		
ADDITIONAL INFO	Regulatory Agencies: UDOGM (Minerals), SITLA (Surface), UDOGM Tri-County Health Dept.		

GEOLOGICAL			MECHANICAL		
LOGS	FORMATION TOPS	DEPTH	HOLE SIZE	CASING SIZE	MUD WEIGHT
		40'	14"		
			11"	8-5/8", 28#, IJ-55, LTC	Air mist
			7-7/8"	4-1/2" 11.6# I-80 & HCP-110 or equivalent BTC/LTC csg	Water / Fresh Water Mud 8.3-12.2 ppg

All water flows encountered while drilling will be reported to the appropriate agencies.

Green River @ 1,513'

Top of Birds Nest @ 1,813

Mahogany @ 2,179

Preset f/ GL @ 2,380' MD

Note: 12.25" surface hole will usually be drilled ±400' below the lost circulation zone (aka bird's nest). Drilled depth may be ±200' of the estimated set depth depending on the acutal depth of the loss zone.

Wasatch @ 4,782'

Mud logging program TBD

Cased hole logging program from TD - surf csg

Mverde @ 7,518' TVD

MVU2 @ 8,408' TVD

MVU1 @ 8,997' TVD

Max anticipated Mud required 12.2 ppg

TD @ 9,779' TVD 9,845' MD

KERR-McGEE OIL & GAS ONSHORE LP

DRILLING PROGRAM

CASING PROGRAM

	SIZE	INTERVAL			WT.	GR.	CPLG.	DESIGN FACTORS BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'								
								3,390	1,880	348,000
SURFACE	8-5/8"	0	to	2,380'	28.00	IJ-55	LTC	0.83	1.69	5.17
								7,780	6,350	278,000
PRODUCTION	4-1/2"	0	to	9,716'	11.60	I-80	BTC	1.92	1.05	2.99
								10,690	8,650	279,000
	4-1/2"	9,716'	to	9,845'	11.60	HCP-110	LTC	376.67	1.39	229.17
		129'	of HCP-110 pipe							

*Burst on suface casing is controlled by fracture gradient as shoe with gas gradient above. D.F. = 2.26

1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point))

2) MASP (Prod Casing) = Pore Pressure at TD - (0.22 psi/ft-partial evac gradient x TD)
(Burst Assumptions: TD = 12.2 ppg) 0.22 psi/ft = gradient for partially evac wellbore
(Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)
MASP 3,941 psi

3) Maximum Anticipated Bottom Hole Pressure (MABHP) = Pore Pressure at TD
(Burst Assumptions: TD = 12.2 ppg) 0.62 psi/ft = bottomhole gradient
(Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)
MABHP 6,093 psi

CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE	LEAD	500'	Premium cmt + 2% CaCl	215	60%	15.60	1.18
Option 1			+ 0.25 pps flocele				
	TOP OUT CMT (6 jobs)	1,200'	20 gals sodium silicate + Premium cmt	260	0%	15.60	1.18
			+ 2% CaCl + 0.25 pps flocele				
			Premium cmt + 2% CaCl				
SURFACE			**NOTE: If well will circulate water to surface, option 2 will be utilized**				
Option 2	LEAD	1,880'	65/35 Poz + 6% Gel + 10 pps gilsonite	360	35%	12.60	1.81
			+ 0.25 pps Flocele + 3% salt BWOW				
	TAIL	500'	Premium cmt + 2% CaCl	150	35%	15.60	1.18
			+ 0.25 pps flocele				
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
PRODUCTION	LEAD	4,275'	Premium Lite II + 3% KCl + 0.25 pps	400	40%	11.00	3.38
			celloflake + 5 pps gilsonite + 10% gel				
			+ 0.5% extender				
	TAIL	5,570'	50/50 Poz/G + 10% salt + 2% gel	1,360	40%	14.30	1.31
			+ 0.1% R-3				

*Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained
*Substitute caliper hole volume plus 10% excess for TAIL if accurate caliper is obtained

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe
PRODUCTION	Float shoe, 1 jt, float collar. No centralizers will be used.

ADDITIONAL INFORMATION

Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.

BOPE: 11" 5M with one annular and 2 rams. The BOPE will be installed before the production hole is drilled and tested to 5,000 psi (annular to 2,500 psi) prior to drilling out the surface casing shoe. Record on chart recorder and tour sheet. Function test rams on each trip. Maintain safety valve and inside BOP on rig floor at all times. Most rigs have top drives; however, if used, the Kelly is to be equipped with upper and lower kelly valves.

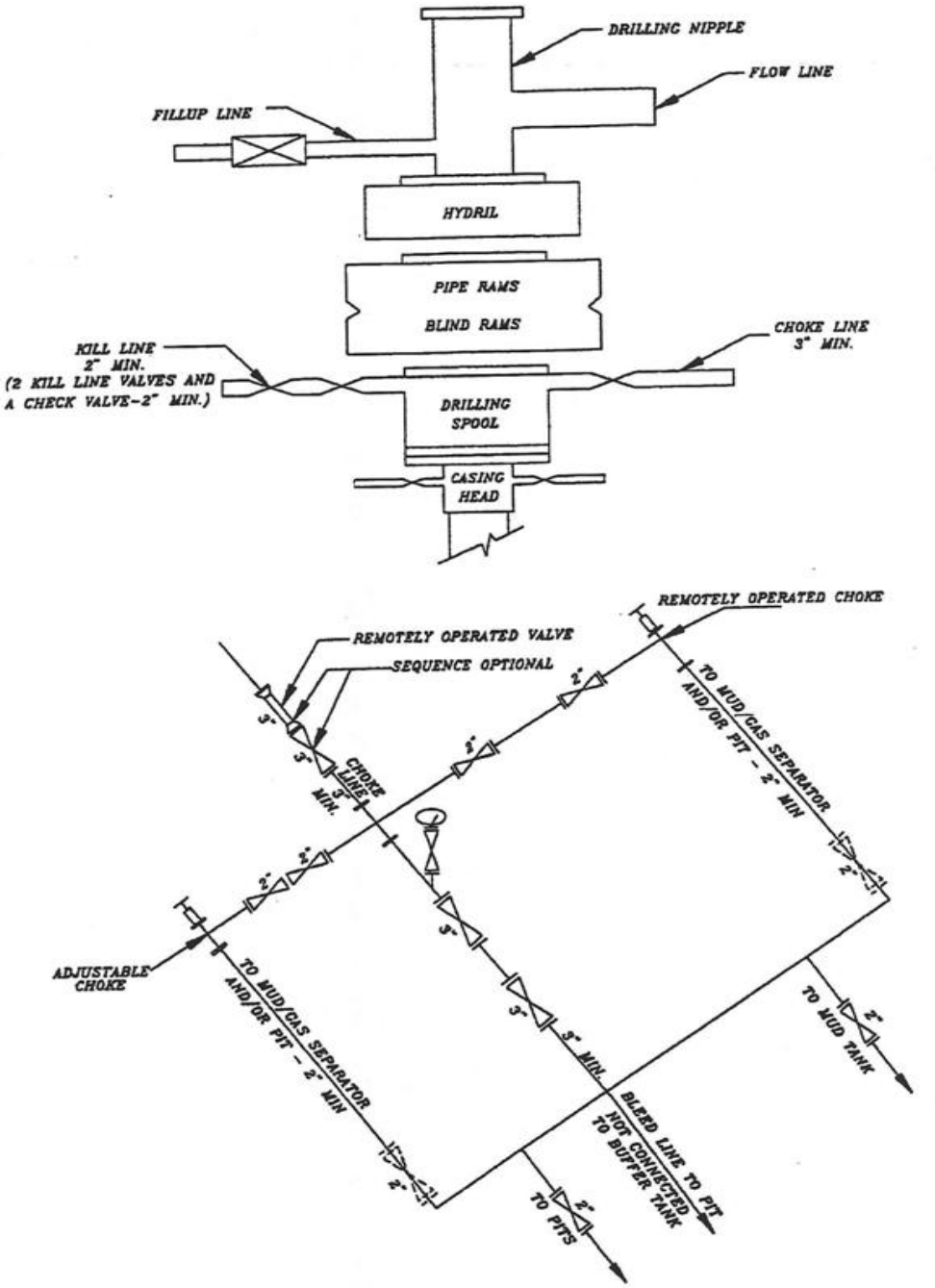
Surveys will be taken at 1,000' minimum intervals.

Most rigs have PVT System for mud monitoring. If no PVT is available, visual monitoring will be utilized.

DRILLING ENGINEER: _____ **DATE:** _____
John Huycke / Emile Goodwin

DRILLING SUPERINTENDENT: _____ **DATE:** _____
John Merkel / Lovel Young

EXHIBIT A
NBU 921-26J3AS

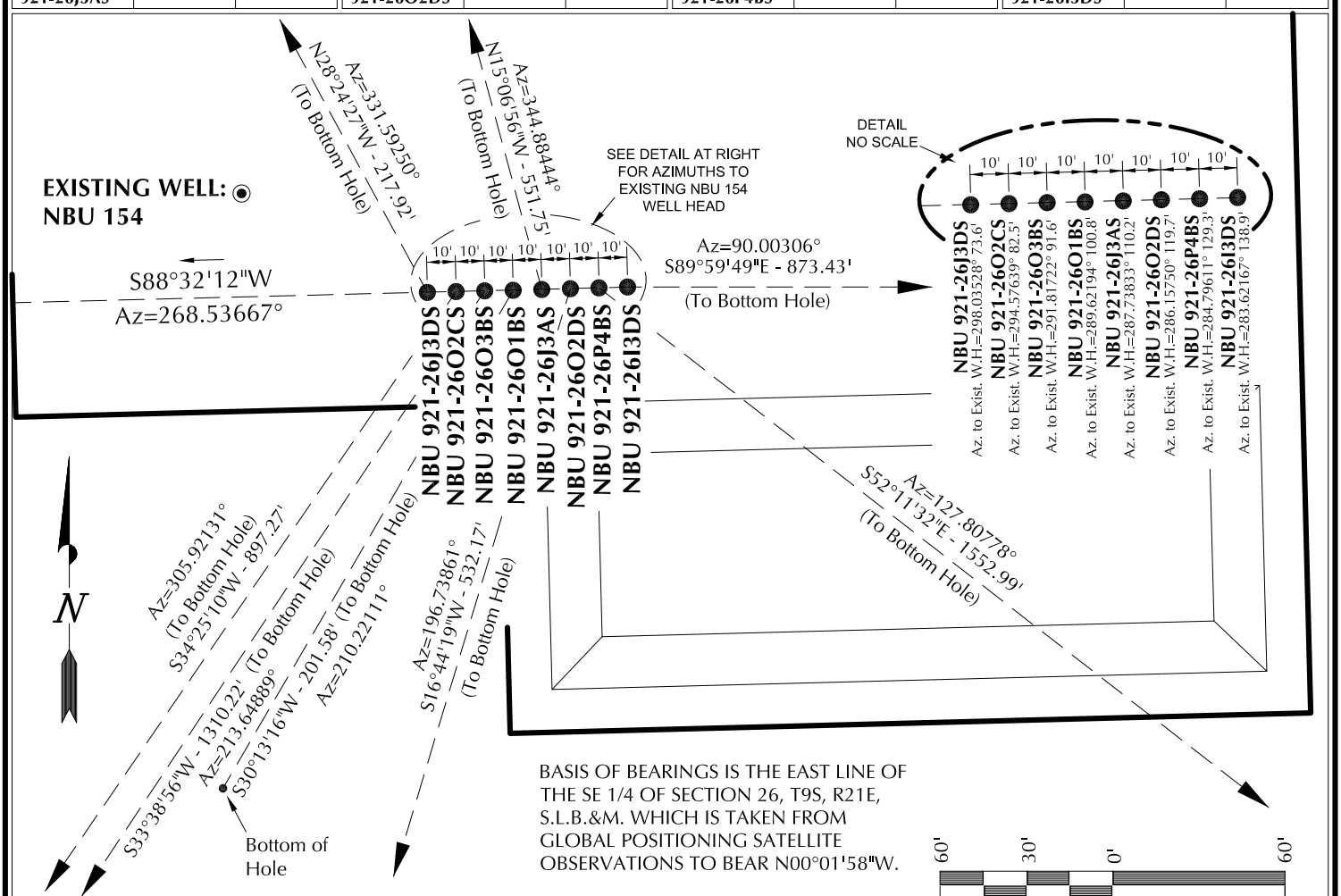


SCHEMATIC DIAGRAM OF 5,000 PSI BOP STACK

WELL NAME	SURFACE POSITION					BOTTOM HOLE				
	NAD83		NAD27			NAD83		NAD27		
	LATITUDE	LONGITUDE	LATITUDE	LONGITUDE	FOOTAGES	LATITUDE	LONGITUDE	LATITUDE	LONGITUDE	FOOTAGES
NBU 921-26J3DS	40°00'13.322" 40.003701°	109°30'58.345" 109.516207°	40°00'13.448" 40.003736°	109°30'55.871" 109.515520°	1436' FSL 1881' FEL	40°00'15.215" 40.004226°	109°30'59.678" 109.516577°	40°00'15.341" 40.004262°	109°30'57.204" 109.515890°	1627' FSL 1985' FEL
NBU 921-26O2CS	40°00'13.325" 40.003701°	109°30'58.216" 109.516171°	40°00'13.451" 40.003736°	109°30'55.742" 109.515484°	1436' FSL 1871' FEL	40°00'06.009" 40.001669°	109°31'04.726" 109.517979°	40°00'06.135" 40.001704°	109°31'02.252" 109.517292°	694' FSL 2379' FEL
NBU 921-26O3BS	40°00'13.328" 40.003702°	109°30'58.087" 109.516135°	40°00'13.454" 40.003737°	109°30'55.613" 109.515448°	1436' FSL 1861' FEL	40°00'02.547" 40.000708°	109°31'07.405" 109.518724°	40°00'02.674" 40.000743°	109°31'04.931" 109.518036°	343' FSL 2588' FEL
NBU 921-26O1BS	40°00'13.329" 40.003703°	109°30'57.959" 109.516100°	40°00'13.456" 40.003738°	109°30'55.486" 109.515413°	1437' FSL 1851' FEL	40°00'11.608" 40.003224°	109°30'59.262" 109.516462°	40°00'11.734" 40.003260°	109°30'56.788" 109.515774°	1262' FSL 1953' FEL
NBU 921-26J3AS	40°00'13.332" 40.003703°	109°30'57.831" 109.516064°	40°00'13.459" 40.003738°	109°30'55.357" 109.515377°	1437' FSL 1841' FEL	40°00'18.594" 40.005165°	109°30'59.683" 109.516579°	40°00'18.720" 40.005200°	109°30'57.209" 109.515891°	1969' FSL 1985' FEL
NBU 921-26O2DS	40°00'13.335" 40.003704°	109°30'57.702" 109.516028°	40°00'13.461" 40.003739°	109°30'55.229" 109.515341°	1437' FSL 1831' FEL	40°00'08.299" 40.002305°	109°30'59.668" 109.516574°	40°00'08.425" 40.002340°	109°30'57.194" 109.515887°	927' FSL 1985' FEL
NBU 921-26P4BS	40°00'13.338" 40.003705°	109°30'57.574" 109.515993°	40°00'13.464" 40.003740°	109°30'55.100" 109.515306°	1437' FSL 1821' FEL	40°00'03.939" 40.001094°	109°30'41.804" 109.511612°	40°00'04.065" 40.001129°	109°30'39.331" 109.510925°	490' FSL 595' FEL
NBU 921-26I3DS	40°00'13.341" 40.003706°	109°30'57.445" 109.515957°	40°00'13.467" 40.003741°	109°30'54.972" 109.515270°	1438' FSL 1811' FEL	40°00'13.345" 40.003707°	109°30'46.224" 109.512840°	40°00'13.472" 40.003742°	109°30'43.751" 109.512153°	1441' FSL 938' FEL
NBU 154	40°00'13.663" 40.003795°	109°30'59.180" 109.516439°	40°00'13.790" 40.003830°	109°30'56.706" 109.515752°	1470' FSL 1946' FEL					

RELATIVE COORDINATES - From Surface Position to Bottom Hole

WELL NAME	NORTH	EAST	WELL NAME	NORTH	EAST	WELL NAME	NORTH	EAST	WELL NAME	NORTH	EAST
NBU 921-26J3DS	191.7'	-103.7'	NBU 921-26O2CS	-740.2'	-507.2'	NBU 921-26O3BS	-1,090.7'	-726.0'	NBU 921-26O1BS	-174.2'	-101.5'
NBU 921-26J3AS	532.7'	-143.9'	NBU 921-26O2DS	-509.6'	-153.3'	NBU 921-26P4BS	-952.0'	1,227.0'	NBU 921-26I3DS	-0.1'	873.4'



BASIS OF BEARINGS IS THE EAST LINE OF THE SE 1/4 OF SECTION 26, T9S, R21E, S.L.B.&M. WHICH IS TAKEN FROM GLOBAL POSITIONING SATELLITE OBSERVATIONS TO BEAR N00°01'58"W.

Kerr-McGee Oil & Gas Onshore, LP
1099 18th Street - Denver, Colorado 80202

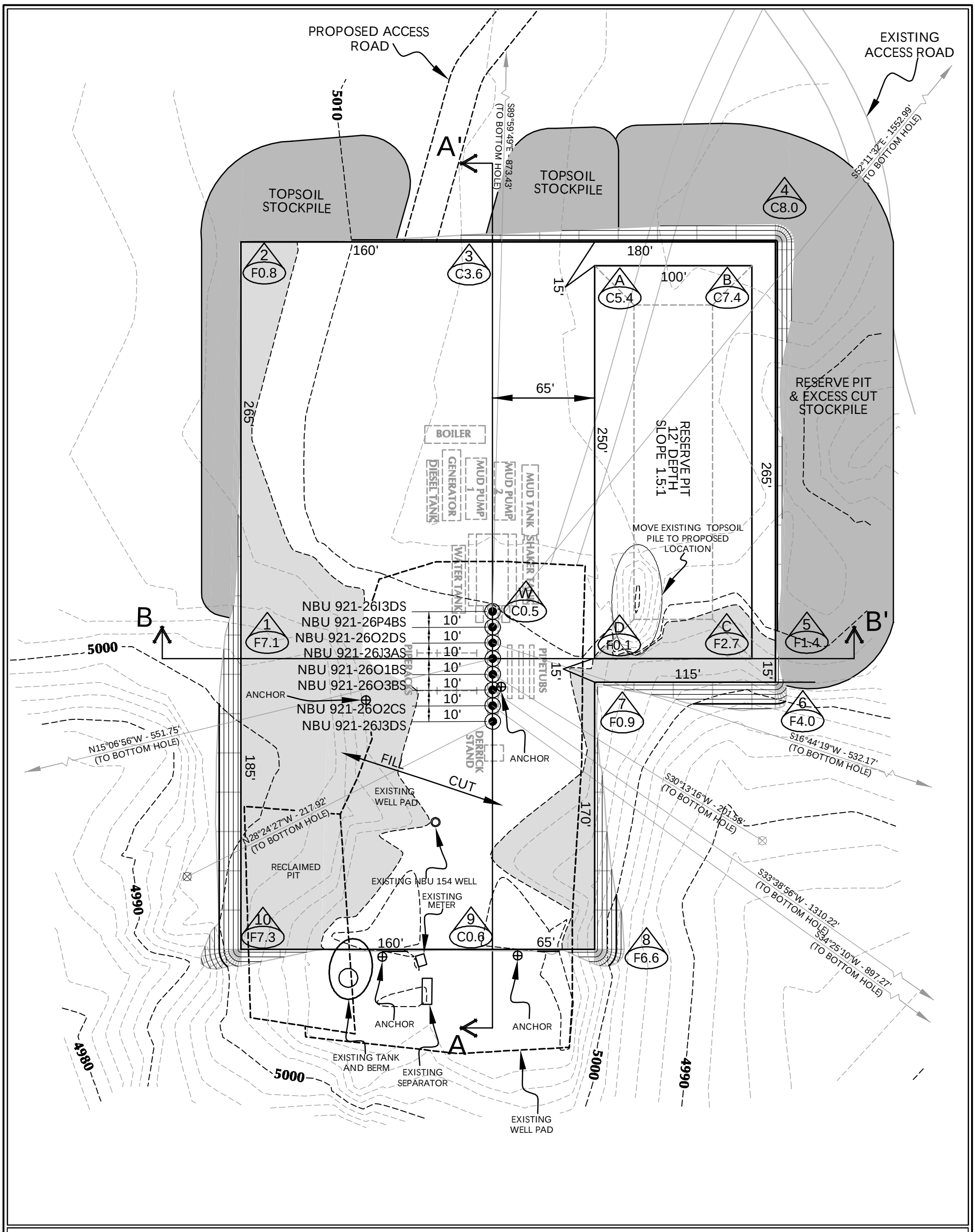
WELL PAD - NBU 921-26J

WELL PAD INTERFERENCE PLAT
WELLS - NBU 921-26J3DS, NBU 921-26O2CS, NBU 921-26O3BS, NBU 921-26O1BS, NBU 921-26J3AS, NBU 921-26O2DS, NBU 921-26P4BS & NBU 921-26I3DS
LOCATED IN SECTION 26, T9S, R21E, S.L.B.&M., UINTAH COUNTY, UTAH.

609
CONSULTING, LLC
371 Coffeen Avenue
Sheridan WY 82801
Phone 307-674-0609
Fax 307-674-0182

TIMBERLINE (435) 789-1365
ENGINEERING & LAND SURVEYING, INC.
209 NORTH 300 WEST - VERNAL, UTAH 84078

DATE SURVEYED: 08-06-09	SURVEYED BY: M.S.B.	SHEET NO:
DATE DRAWN: 08-11-09	DRAWN BY: M.W.W.	9
SCALE: 1" = 60'	Date Last Revised: 12-03-09 M.W.W.	9 OF 18



WELL PAD - NBU 921-26J DESIGN SUMMARY

EXISTING GRADE @ CENTER OF WELL PAD = 5009.7'
FINISHED GRADE ELEVATION = 5009.2'
CUT SLOPES = 1.5:1
FILL SLOPES = 1.5:1
TOTAL WELL PAD AREA = 3.31 ACRES
TOTAL DAMAGE AREA = 5.41 ACRES
SHRINKAGE FACTOR = 1.10
SWELL FACTOR = 1.00

WELL PAD QUANTITIES

TOTAL CUT FOR WELL PAD = 8,975 C.Y.
TOTAL FILL FOR WELL PAD = 6,634 C.Y.
TOPSOIL @ 6" DEPTH = 2,028 C.Y.
EXCESS MATERIAL = 2,341 C.Y.

RESERVE PIT QUANTITIES

TOTAL CUT FOR RESERVE PIT
+/- 8,510 CY
RESERVE PIT CAPACITY (2' OF FREEBOARD)
+/- 32,370 BARRELS

WELL PAD LEGEND

- EXISTING WELL LOCATION
- PROPOSED WELL LOCATION
- PROPOSED BOTTOM HOLE LOCATION
- EXISTING CONTOURS (2' INTERVAL)
- PROPOSED CONTOURS (2' INTERVAL)

HORIZONTAL 0 30 60 1" = 60'
2' CONTOURS

Kerr-McGee Oil & Gas Onshore, LP
1099 18th Street - Denver, Colorado 80202

WELL PAD - NBU 921-26J

WELL PAD - LOCATION LAYOUT
NBU 921-26J3DS, NBU 921-26O2CS,
NBU 921-26O3BS, NBU 921-26O1BS,
NBU 921-26J3AS, NBU 921-26O2DS,
NBU 921-26P4BS & NBU 921-26I3DS
LOCATED IN SECTION 26, T9S, R21E,
S.L.B.&M., UINTAH COUNTY, UTAH

609 CONSULTING, LLC
371 Coffeen Avenue
Sheridan, WY 82801
Phone 307-674-0609
Fax 307-674-0182

Scale: 1"=60'	Date: 10/1/09	SHEET NO:
REVISED:	SEA 12/23/09	10 10 OF 18

TIMBERLINE (435) 789-1365
ENGINEERING & LAND SURVEYING, INC.
209 NORTH 300 WEST - VERNAL, UTAH 84078

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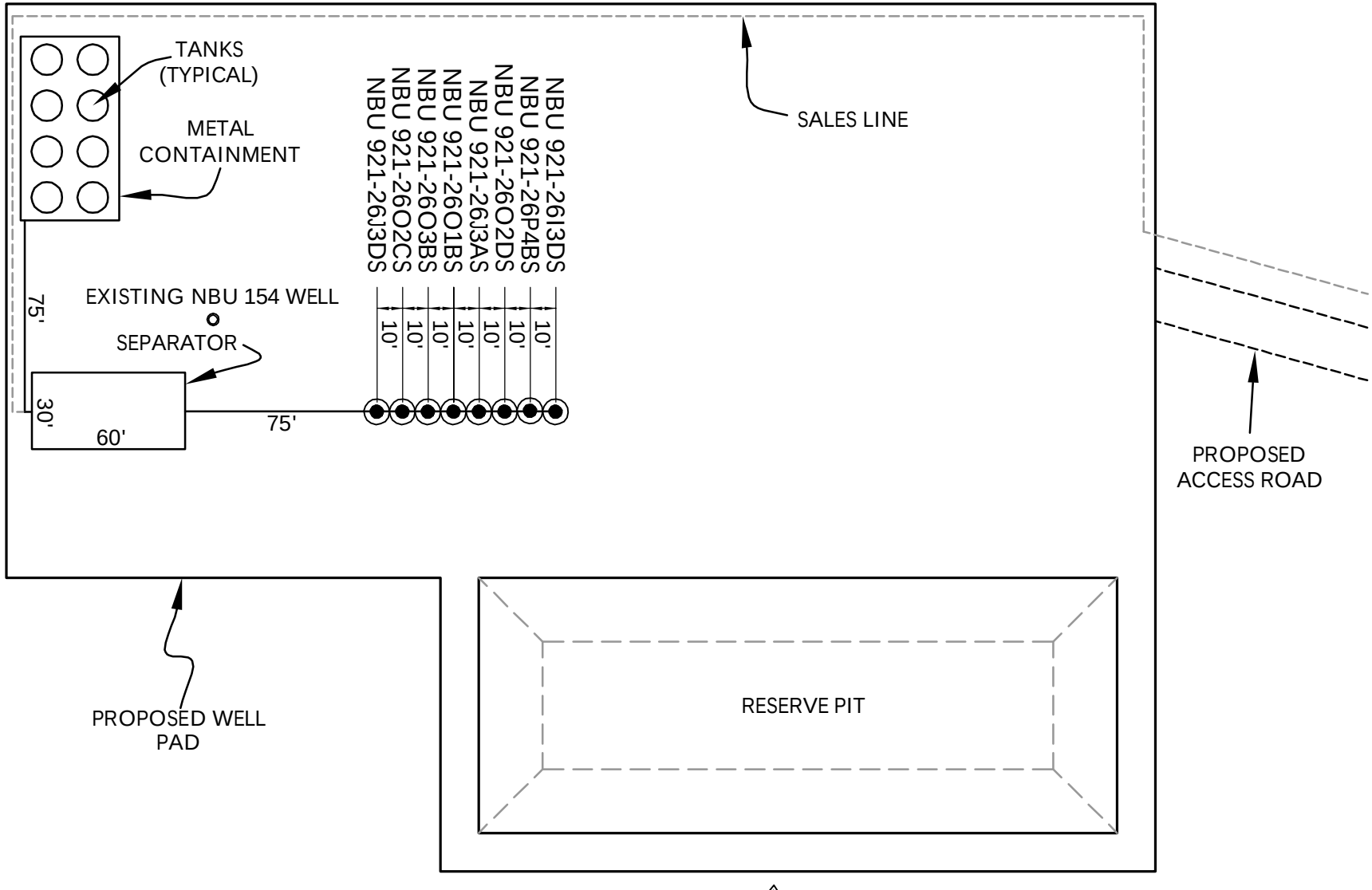

Kerr-McGee Oil & Gas Onshore, LP
1099 18th Street - Denver, Colorado 80202

WELL PAD - NBU 921-26J

WELL PAD - FACILITIES DIAGRAM
NBU 921-26J3DS, NBU 921-26O2CS,
NBU 921-26O3BS, NBU 921-26O1BS,
NBU 921-26J3AS, NBU 921-26O2DS,
NBU 921-26P4BS & NBU 921-26I3DS
LOCATED IN SECTION 26, T9S, R21E,
S.L.B.&M., UINTAH COUNTY, UTAH

609
CONSULTING, LLC
371 Coffeen Avenue
Sheridan, WY 82801
Phone 307-674-0609
Fax 307-674-0182

HORIZONTAL 0 30' 60'
1" = 60'

WELL PAD LEGEND
EXISTING WELL LOCATION
PROPOSED WELL LOCATION
PROPOSED SALES LINE

TIMBERLINE (435) 789-1365
ENGINEERING & LAND SURVEYING, INC.
209 NORTH 300 WEST - VERNAL, UTAH 84078

Scale: 1"=60' | Date: 12/11/09 | SHEET NO:
REVISED: SEA 12/23/09 | 10B 10B OF 18

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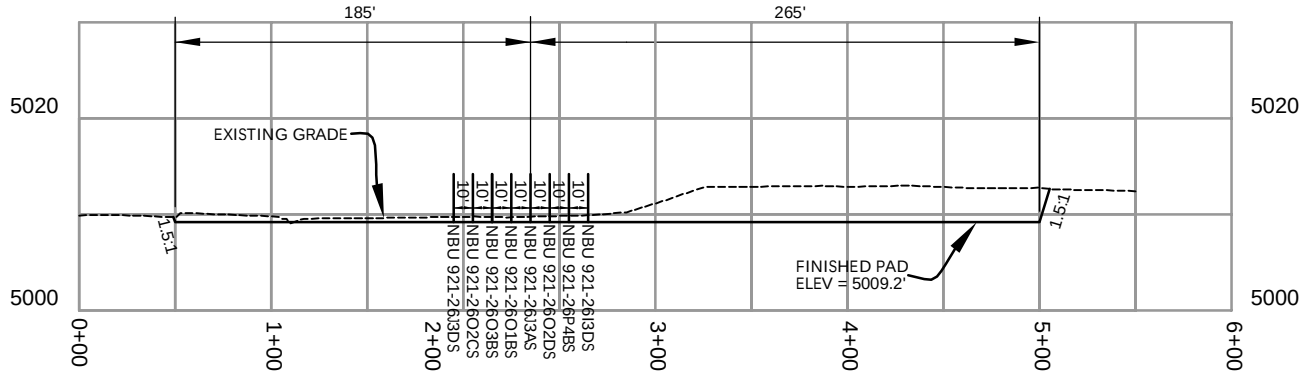
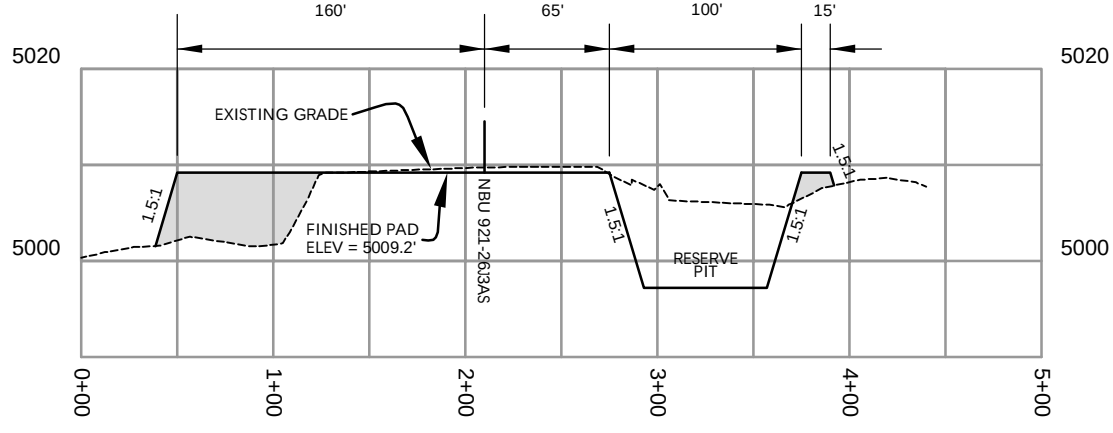


CROSS SECTION A-A'



CROSS SECTION B-B'

NOTE: CROSS SECTION B-B' DEPICTS MAXIMUM RESERVE PIT DEPTH.

HORIZONTAL 0 50 100 1" = 100'

VERTICAL 0 10 20 1" = 20'

Kerr-McGee Oil & Gas Onshore, LP
1099 18th Street - Denver, Colorado 80202

WELL PAD - NBU 921-26J

WELL PAD - CROSS SECTIONS
NBU 921-26J3DS, NBU 921-26O2CS,
NBU 921-26O3BS, NBU 921-26O1BS,
NBU 921-26J3AS, NBU 921-26O2DS,
NBU 921-26P4BS & NBU 921-26I3DS
LOCATED IN SECTION 26, T9S, R21E,
S.L.B.&M., UINTAH COUNTY, UTAH

609 CONSULTING, LLC
371 Coffeen Avenue
Sheridan WY 82801
Phone 307-674-0609
Fax 307-674-0182

Scale: 1"=100'	Date: 10/1/09	SHEET NO: 11 11 OF 18
REVISED:	SEA 12/23/09	

TIMBERLINE (435) 789-1365
ENGINEERING & LAND SURVEYING, INC.
209 NORTH 300 WEST - VERNAL, UTAH 84078

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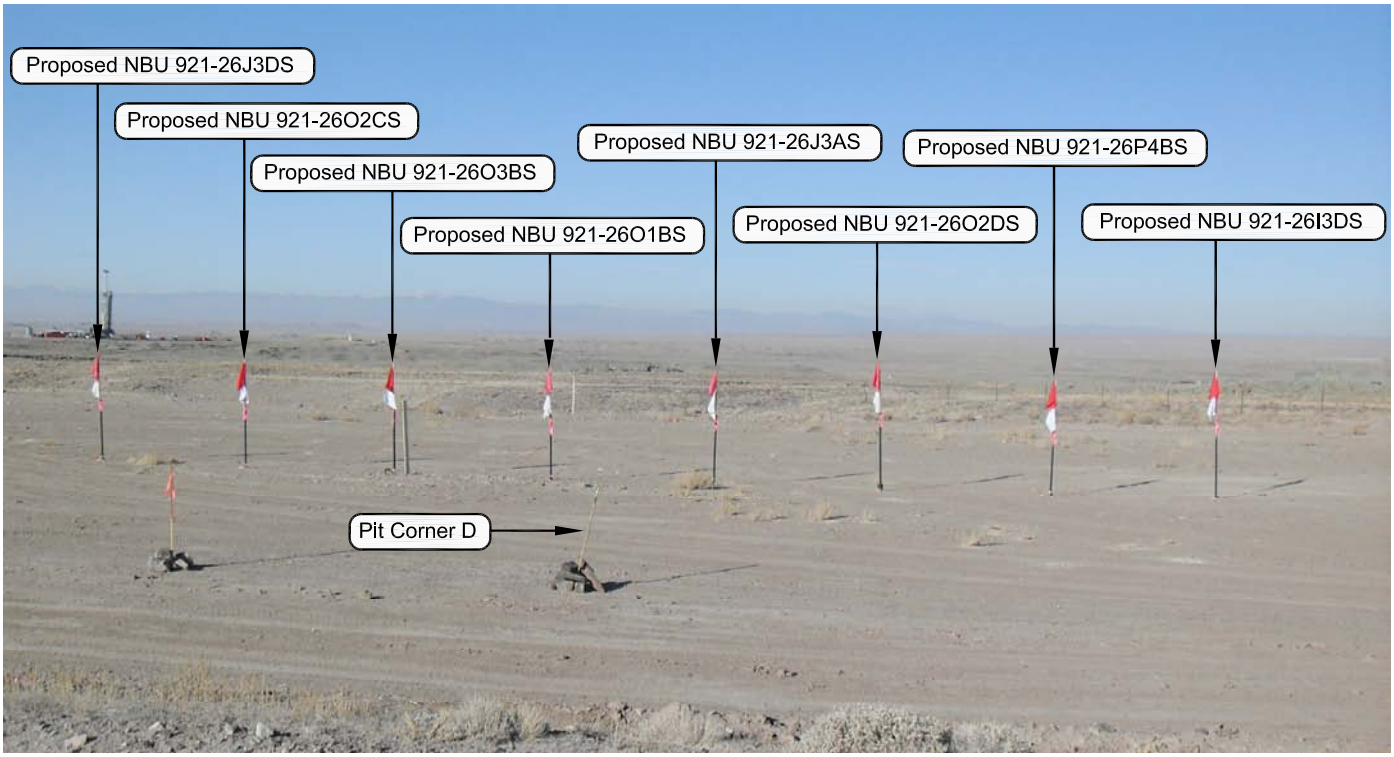

PHOTO VIEW: FROM PIT CORNER D TO LOCATION STAKE **CAMERA ANGLE: NORTHERLY**

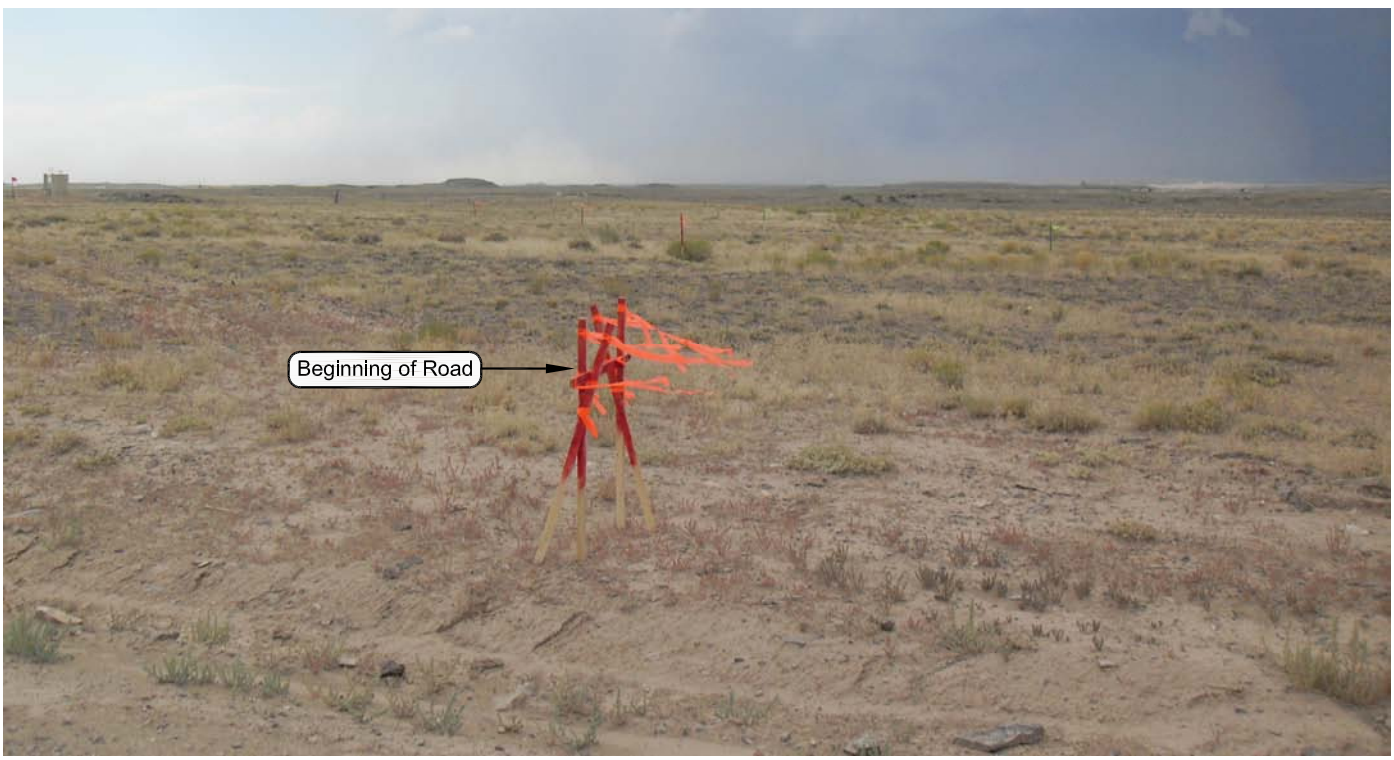

PHOTO VIEW: FROM BEGINNING OF PROPOSED ROAD **CAMERA ANGLE: NORTHWESTERLY**

Kerr-McGee Oil & Gas Onshore, LP
1099 18th Street - Denver, Colorado 80202

Well Pad - NBU 921-26J

NBU 921-26J3DS, NBU 921-26O2CS, NBU 921-26O3BS, NBU 921-26O1BS, NBU 921-26J3AS, NBU 921-26O2DS, NBU 921-26P4BS & NBU 921-26I3DS
LOCATION PHOTOS
LOCATED IN SECTION 26, T9S, R21E, S.L.B.&M., UINTAH COUNTY, UTAH.

609 CONSULTING, LLC
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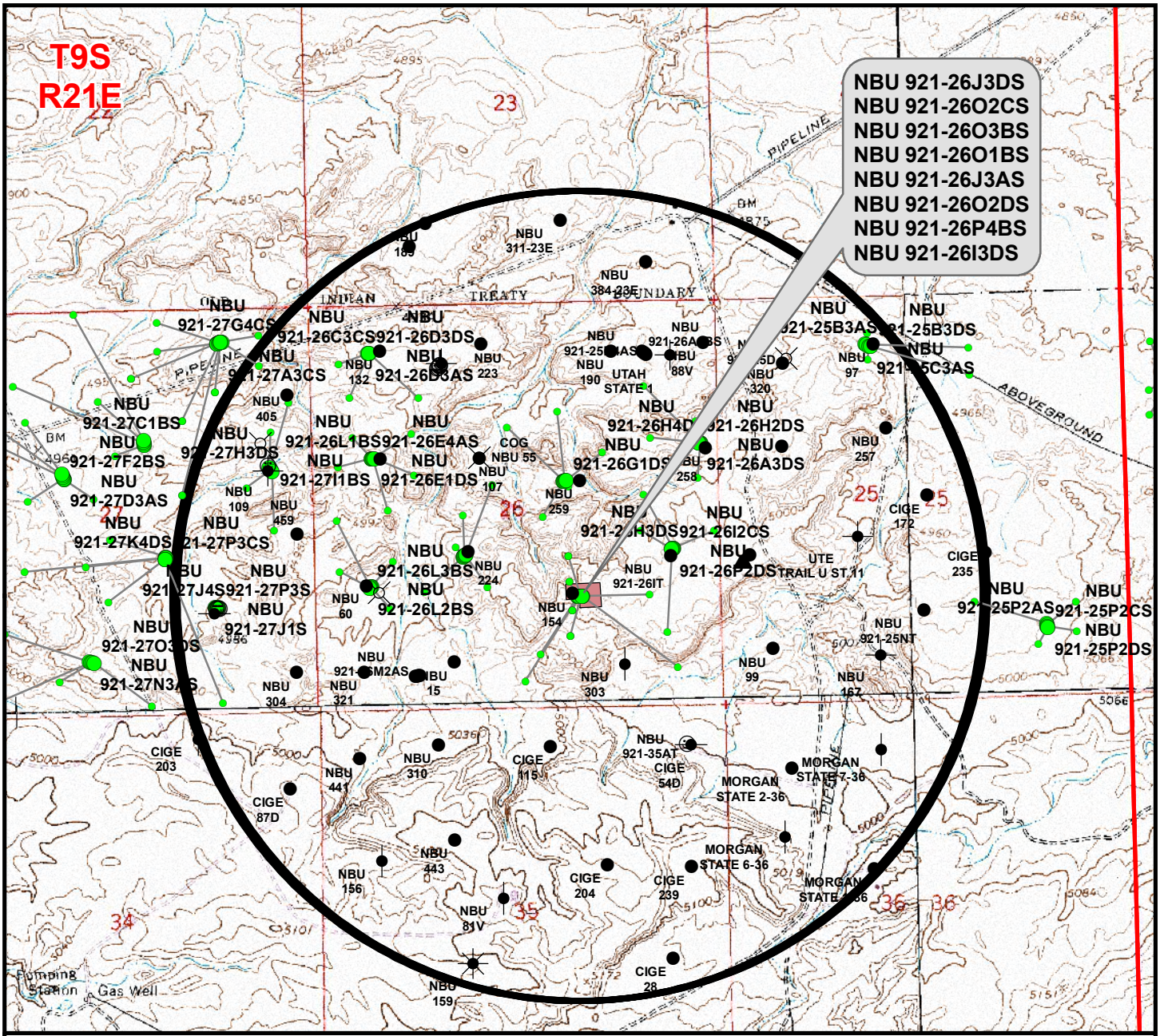
Phone 307-674-0609
Fax 307-674-0182

TIMBERLINE (435) 789-1365
ENGINEERING & LAND SURVEYING, INC.
209 NORTH 300 WEST - VERNAL, UTAH 84078

DATE PHOTOS TAKEN: 08-06-09	PHOTOS TAKEN BY: M.S.B.	SHEET NO:
DATE DRAWN: 08-10-09	DRAWN BY: M.W.W.	12
Date Last Revised: 11-03-09 M.W.W.		12 OF 18



Proposed Well	Nearest Well Bore	Footage	Proposed Well	Nearest Well Bore	Footage
NBU 921-26J3DS	NBU 154	162ft	NBU 921-26J3AS	NBU 154	501ft
NBU 921-26O2CS	NBU 154	886ft	NBU 921-26O2DS	NBU 154	544ft
NBU 921-26O3BS	CIGE 115	915ft	NBU 921-26P4BS	NBU 303	684ft
NBU 921-26O1BS	NBU 154	208ft	NBU 921-26I3DS	NBU 921-26IT	577ft

Legend

Well locations derived from State of Utah, Dept. of Natural Resources, Division of Oil, Gas and Mining

- Well - Proposed
- Bottom Hole - Proposed
- Well Path
- Well Pad
- Well - 1 Mile Radius
- Producing
- Active
- Spudded (Drilling commenced: Not yet completed)
- Approved permit (APD); not yet spudded
- New Permit (Not yet approved or drilled)
- Inactive
- Drilling Operations Suspended
- Temporarily-Abandoned
- Shut-In
- Plugged and Abandoned
- Location Abandoned
- Dry hole marker, buried
- Returned APD (Unapproved)

Kerr-McGee Oil & Gas Onshore, LP
1099 18th Street, Denver, Colorado 80202

Well Pad - NBU 921-26J

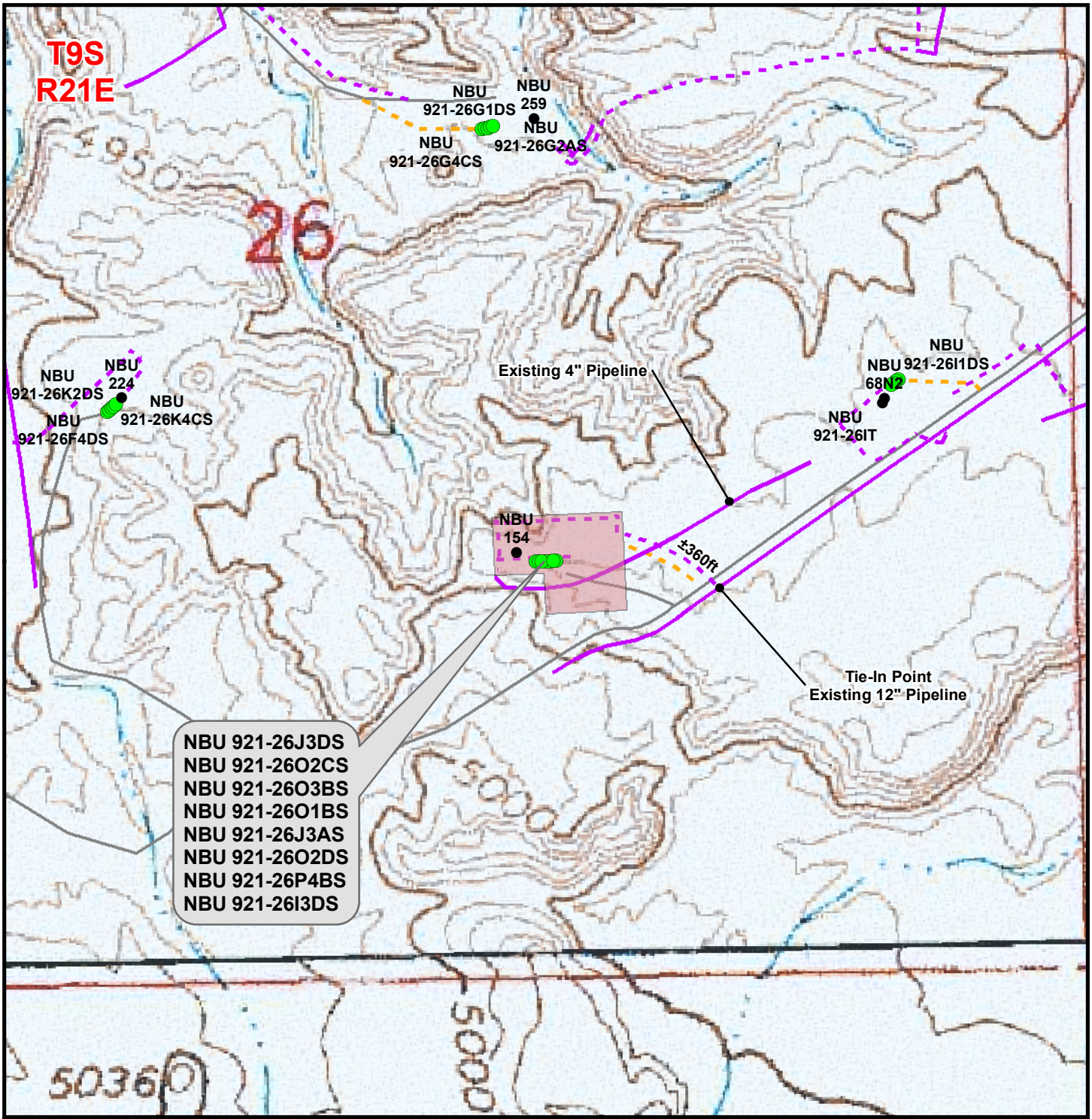
NBU 921-26J3DS, NBU 921-26O2CS, NBU 921-26O3BS, NBU 921-26O1BS, NBU 921-26J3AS, NBU 921-26O2DS, NBU 921-26P4BS & NBU 921-26I3DS
Topo C
Located In Section 26, T9S, R21E
S.L.B.&M., Uintah County, Utah

609 CONSULTING, LLC
371 Coffeen Avenue
Sheridan, WY 82801
Phone (307) 674-0609
Fax (307) 674-0182

N

Scale: 1" = 2,000ft | NAD83 USP Central | Sheet No: 15

Drawn: JELo Date: 1 Oct 2009
Revised: JELo Date: 28 Dec 2009



Legend

Proposed Pipeline Length From Tie-In Point To Edge Of Pad: ±360ft
Proposed Pipeline Length Around Pad: ±715ft

Well - Proposed | Well Pad | Pipeline - Proposed | Road - Proposed | Bureau of Land Management | State
Well - Existing | Pipeline - Existing | Road - Existing | Indian Reservation | Private

Kerr-McGee Oil & Gas Onshore, LP
1099 18th Street, Denver, Colorado 80202

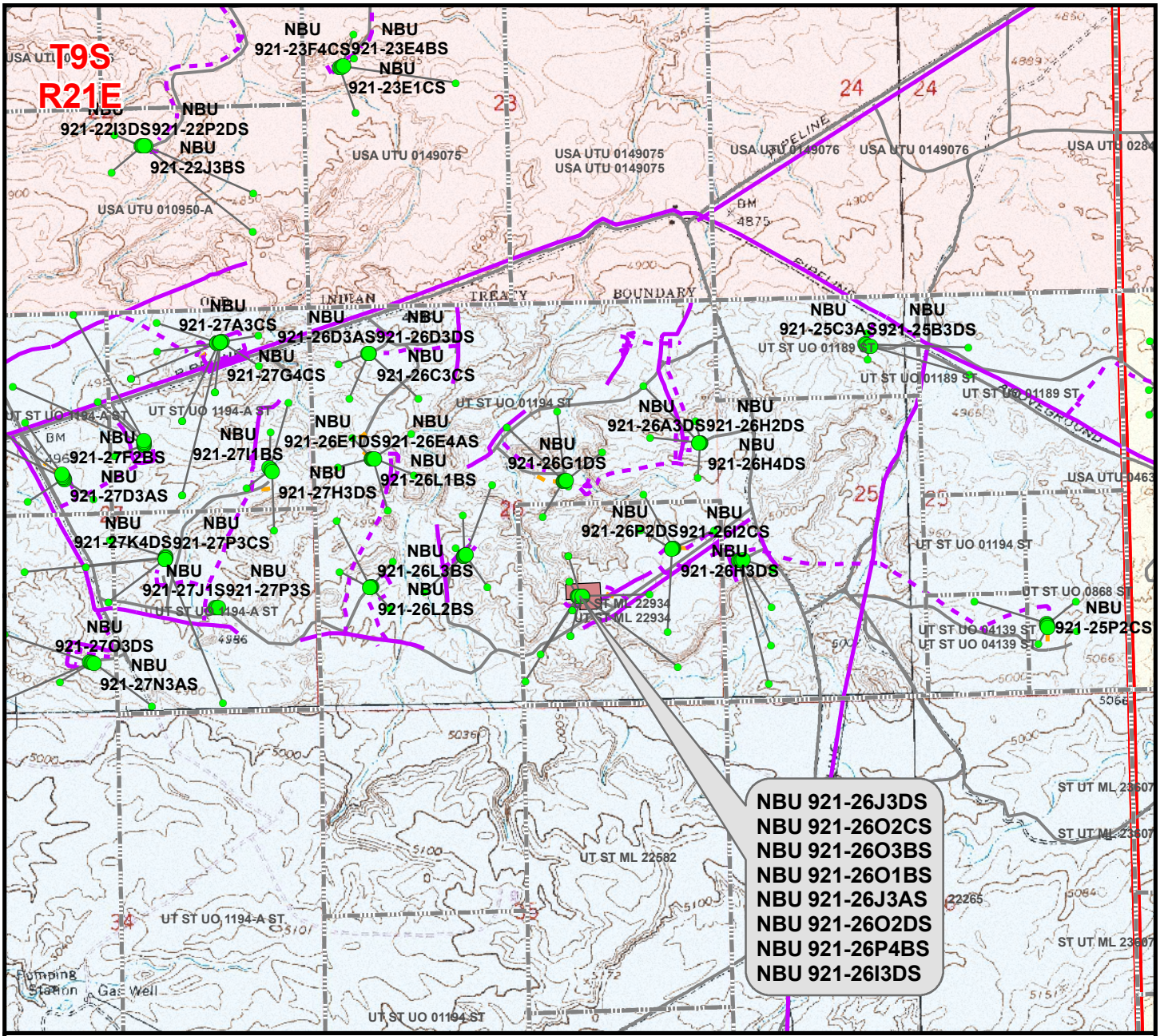
Well Pad - NBU 921-26J

NBU 921-26J3DS, NBU 921-26O2CS, NBU 921-26O3BS, NBU 921-26O1BS, NBU 921-26J3AS, NBU 921-26O2DS, NBU 921-26P4BS & NBU 921-26I3DS
Topo D (Pad & Pipeline Detail)
Located In Section 26, T9S, R21E
S.L.B.&M., Uintah County, Utah

609 CONSULTING, LLC
371 Coffeen Avenue
Sheridan, WY 82801
Phone (307) 674-0609
Fax (307) 674-0182

N

Scale: 1" = 500ft	NAD83 USP Central		Sheet No: 16A
Drawn: JELo	Date: 1 Oct 2009		16A of 18
Revised: JELo	Date: 28 Dec 2009		



Proposed Well	Distance To Nearest Lease Boundary
NBU 921-26J3DS	1,627ft
NBU 921-26O2CS	694ft
NBU 921-26O3BS	343ft
NBU 921-26O1BS	1,262ft

Proposed Well	Distance To Nearest Lease Boundary
NBU 921-26J3AS	1,969ft
NBU 921-26O2DS	927ft
NBU 921-26P4BS	490ft
NBU 921-26I3DS	938ft

Legend

- Well - Proposed
- Bottom Hole - Proposed
- Well Path
- Well Pad
- Lease Boundary
- Pipeline - Proposed
- Pipeline - Existing
- Road - Proposed
- Road - Existing
- Bureau of Land Management
- Indian Reservation
- State
- Private

Kerr-McGee Oil & Gas Onshore, LP
1099 18th Street, Denver, Colorado 80202

Well Pad - NBU 921-26J

NBU 921-26J3DS, NBU 921-26O2CS, NBU 921-26O3BS, NBU 921-26O1BS, NBU 921-26J3AS, NBU 921-26O2DS, NBU 921-26P4BS & NBU 921-26I3DS
Topo E
Located In Section 26, T9S, R21E
S.L.B.&M., Uintah County, Utah

609 CONSULTING, LLC
371 Coffeen Avenue
Sheridan, WY 82801
Phone (307) 674-0609
Fax (307) 674-0182

N

Scale: 1" = 2,000ft	NAD83 USP Central	Sheet No: 17	
Drawn: JELo	Date: 1 Oct 2009		
Revised: JELo	Date: 28 Dec 2009		17 of 18

Kerr-McGee Oil & Gas Onshore, LP
WELL PAD – NBU 921-26J
WELLS - NBU 921-26J3DS, NBU 921-26O2CS, NBU 921-26O3BS, NBU 921-26O1BS, NBU 921-26J3AS, NBU 921-26O2DS, NBU 921-26P4BS & NBU 921-26I3DS
Section 26, T9S, R21E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 13.9 MILES TO THE JUNCTION OF STATE HIGHWAY 88. EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION ALONG STATE HIGHWAY 88 APPROXIMATELY 16.8 MILES TO OURAY, UTAH. FROM OURAY, PROCEED IN A SOUTHERLY DIRECTION ALONG THE SEEP RIDGE ROAD (COUNTY B ROAD 2810) APPROXIMATELY 11.2 MILES TO THE INTERSECTION OF THE GLEN BENCH ROAD (COUNTY B ROAD 3260). EXIT LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY, THEN NORTHEASTERLY DIRECTION ALONG THE GLEN BENCH ROAD APPROXIMATELY 10.7 MILES TO A SERVICE ROAD TO THE SOUTHWEST. EXIT LEFT AND PROCEED IN A SOUTHWESTERLY DIRECTION ALONG THE SERVICE ROAD APPROXIMATELY 0.4 MILES TO AN EXISTING WELL PAD ACCESS ROAD. EXIT RIGHT AND PROCEED IN A NORTHWESTERLY DIRECTION ALONG THE ACCESS ROAD APPROXIMATELY 0.1 MILES TO THE NBU 154 WELL PAD.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 53.1 MILES IN A SOUTHERLY DIRECTION.

NBU 921-26I3DS
Surface: 1,438' FSL 1,811' FEL (NW/4SE/4)
BHL: 1,441' FSL 938' FEL (NE/4SE/4)

NBU 921-26J3AS
Surface: 1,437' FSL 1,841' FEL (NW/4SE/4)
BHL: 1,969' FSL 1,985' FEL (NW/4SE/4)

NBU 921-26J3DS
Surface: 1,436' FSL 1,881' FEL (NW/4SE/4)
BHL: 1,627' FSL 1,985' FEL (NW/4SE/4)

NBU 921-26O1BS
Surface: 1,437' FSL 1,851' FEL (NW/4SE/4)
BHL: 1,262' FSL 1,953' FEL (NW/4SE/4)

NBU 921-26O2CS
Surface: 1,436' FSL 1,871' FEL (NW/4SE/4)
BHL: 694' FSL 2,379' FEL (SW/4SE/4)

NBU 921-26O2DS
Surface: 1,437' FSL 1,811' FEL (NW/4SE/4)
BHL: 927' FSL 1,985' FEL (SW/4SE/4)

NBU 921-26O3BS
Surface: 1,436' FSL 1,861' FEL (NW/4SE/4)
BHL: 343' FSL 2,588' FEL (SW/4SE/4)

NBU 921-26P4BS
Surface: 1,437' FSL 1,821' FEL (NW/4SE/4)
BHL: 490' FSL 595' FEL (SE/4SE/4)

Pad: NBU 921-26J
Sec. 26 T9S R21E
Mineral Lease: ML 22934

Uintah, Utah
Operator: Kerr-McGee Oil & Gas Onshore LP

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN SUBMITTED WITH SITE-SPECIFIC INFORMATION

An onsite meeting has been scheduled for January 12, 2010.

Directional Drilling:
In accordance with Utah Oil & Gas Conservation Rule R649-3-11 pertaining to Directional Drilling, this well will be directionally drilled in order to access portions of our lease which are otherwise inaccessible due to topography.

A. Existing Roads:
A) Refer to Topo Map A for directions to the location.
B) Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

B. Planned Access Roads:
See MDP for additional details on road construction.
Approximately ±300' (±0.06 miles) of new access road is proposed. Please refer to the attached Topo Map B. No pipelines will be crossed with the new construction.

Existence of pipelines; maximum grade; turnouts; major cut and fills, culverts, or bridges; gates, cattle guards, fence cuts, or modifications to existing facilities were determined at the on-site and are typically shown on the attached Exhibits and Topo maps.

C. Location of Existing Wells Within a 1-Mile Radius:
Please refer to Topo Map C.

D. Location of Existing and Proposed Facilities:
See MDP for additional details on Existing and Proposed Facilities.

This pad will expand the existing pad for the NBU 154, which is a producing well according to Utah Division of Oil, Gas and Mining (UDOGM) records.

The following guidelines will apply if the well is productive.
Approximately ±715' (±0.14 miles) of new 10" pipeline around the pad is proposed**.** Another approximately ±360' (±0.07 miles) of 10" pipeline is proposed from the tie in point to the edge of the pad. Please refer to Topo D for the existing pipeline. Pipeline segments will be welded or zaplocked together on disturbed areas in or near the location, whenever possible, and dragged into place.

E. Location and Type of Water Supply:
See MDP for additional details on Location and Type of Water Supply.

Water for drilling purposes will be obtained from the following sources:

49-2243	Target Trucking Inc.	Green River- Various points
49-2300	R.N. Industries	White River- Various points
49-2298	RNI Trucking	White River- Various points
49-2231	Nile Chapman	Green River- Various points
49-2299	R.N. Industries	Green River- Various points
49-2306	R.N. Industries	White River- Various points

Water will be hauled to location over the roads marked on Maps A and B.

No water well is to be drilled on this lease.

F. Source of Construction Materials:
See MDP for additional details on Source of Construction Materials.

G. Methods of Handling Waste Materials:
See MDP for additional details on Methods of Handling Waste Materials.

Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites:

RNI in Sec. 5 T9S R22E
NBU #159 in Sec. 35 T9S R21E
Ace Oilfield in Sec. 2 T6S R20E
MC&MC in Sec. 12 T6S R19E
Pipeline Facility in Sec. 36 T9S R20E
Goat Pasture Evaporation Pond in SW/4 Sec. 16 T10S R22E
Bonanza Evaporation Pond in Sec. 2 T10S R23E

H. Ancillary Facilities:
See MDP for additional details on Ancillary Facilities.

None are anticipated.

I. Well Site Layout: (See Location Layout Diagram)
See MDP for additional details on Well Site Layout.

All pits will be fenced according to the following minimum standards:

- Net wire (39-inch) will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.
- The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.
- Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
- Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.
- All wire shall be stretched, by using a stretching device, before it is attached to corner posts.

J. Plans for Reclamation of the Surface:
See MDP for additional details on Plans for Reclamation of the Surface.

K. Surface/Mineral Ownership:
SITLA
675 East 500 South, Suite 500
Salt Lake City, UT 84102

L. Other Information:
See MDP for additional details on Other Information.

M. Lessee's or Operators' Representative & Certification:

Kathy Schneebeck Dulnoan
Staff Regulatory Analyst
Kerr-McGee Oil & Gas Onshore LP
PO Box 173779
Denver, CO 80217-3779
(720) 929-6007

Tommy Thompson
General Manager, Drilling
Kerr-McGee Oil & Gas Onshore LP
PO Box 173779
Denver, CO 80217-3779
(720) 929-6724

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Kerr-McGee Oil & Gas Onshore LP is considered to be the operator of the subject well. Kerr-McGee Oil & Gas Onshore LP agrees to be responsible under terms and conditions of the lease for the operations conducted upon leased lands.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by State Surety Bond 22013542.

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that I have full knowledge of the State and Federal laws applicable to this operation; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for operations conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filing of false statements.

Kathy Schneebeck Dulnoan

January 12, 2010
Date

'APIWellNo:43047508830000'

Kerr-McGee Oil & Gas Onshore LP
PO Box 173779
Denver, CO 80217-3779

January 7, 2010

Diana Mason
Utah Department of Oil, Gas & Mining
P.O. Box 145801
Salt Lake City, Utah 54114-6100

RE: Directional Drilling Letter R649-3-11
NBU 921-26J3AS
T9S-R21E
Section 26: NW/4SE/4 surface, NW/4SE/4 bottom hole
1437' FSL, 1841' FEL (surface)
1969' FSL, 1985' FEL (bottom hole)
Uintah County, Utah

Dear Ms. Mason:

Pursuant to the filing of Kerr-McGee Oil & Gas Onshore LP's (Kerr-McGee) Application for Permit to Drill regarding the above referenced well, we are herby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-11 pertaining to the Exception to Location and Siting of Wells.

- Kerr-McGee's NBU 921-26J3AS is located within the Natural Buttes Unit Area.
- Kerr-McGee is permitting this well as a directional well in order to minimize surface disturbance. Locating the well at the surface location and directionally drilling from this location, Kerr-McGee will be able to utilize the existing road and pipelines in the area.
- Furthermore, Kerr-McGee certifies that it is the sole working interest owner within 460 feet of the entire directional well bore.

Therefore, based on the above stated information Kerr-McGee Oil & Gas Onshore LP requests the permit to be granted pursuant to R649-3-11.

Sincerely,

KERR-MCGEE OIL & GAS ONSHORE LP

Joe Matney

Joe Matney
Senior Staff Landman

'APIWellNo:43047508830000'

'APIWellNo:43047508830000'

CLASS I REVIEW OF KERR-MCGEE OIL & GAS ONSHORE LP'S 12 PROPOSED WELL LOCATIONS ORIGINATING FROM THE NBU 921-25P PAD AND NBU 154 (921-26J) PAD (T9S, R21E SECTIONS 25 AND 26) UINTAH COUNTY, UTAH

By:

Patricia Stavish

Prepared For:

State of Utah
School & Institutional
Trust Lands Administration

Prepared Under Contract With:

Kerr-McGee Oil & Gas Onshore LP
1368 South 1200 East
Vernal, Utah 84078

Prepared By:

Montgomery Archaeological Consultants, Inc.
P.O. Box 219
Moab, Utah 84532

MOAC Report No. 09-154b

December 17, 2009

United States Department of Interior (FLPMA)
Permit No. 09-UT-60122

Public Lands Policy Coordination Office
Archaeological Survey Permit No. 117

’APIWellNo:43047508830000’

IPC #09-148

Paleontological Reconnaissance Survey Report

Survey of Kerr McGee’s Proposed Multi-Well Pads, Access Roads, & Pipelines for “NBU #921-25P with wells 25P2CS, P2DS, P2AS, & O2AS” and “NBU #154 with wells NBU #921-26O1BS, J3DS, O2DS, & J3AS” (Sec. 25 & 26, T 9 S, R 21 E)

Ouray SE, Red Wash NW
Topographic Quadrangle
Uintah County, Utah

September 30, 2009

Prepared by Stephen D. Sandau
Paleontologist for
Intermountain Paleo-Consulting
P. O. Box 1125
Vernal, Utah 84078

Grasslands Consulting, Inc.

4800 Happy Canyon Road, Suite 110, Denver, CO 80237

(303) 759-5377 Office (303) 759-5324 Fax

SPECIAL STATUS PLANT AND WILDLIFE SPECIES REPORT

Report Number: GCI#106

Operator: Kerr-McGee Oil & Gas Onshore LP

Wells: NBU 921-26J well pad (Bores: NBU 921-26J3AS (FKA 26J2DS), NBU 921-26J3DS, NBU 921-26O1BS (FKA 26O2AS), and NBU 921-26O2DS).

Pipeline: Associated pipeline leading to proposed well pad

Access Road: Associated access road leading to proposed well pad

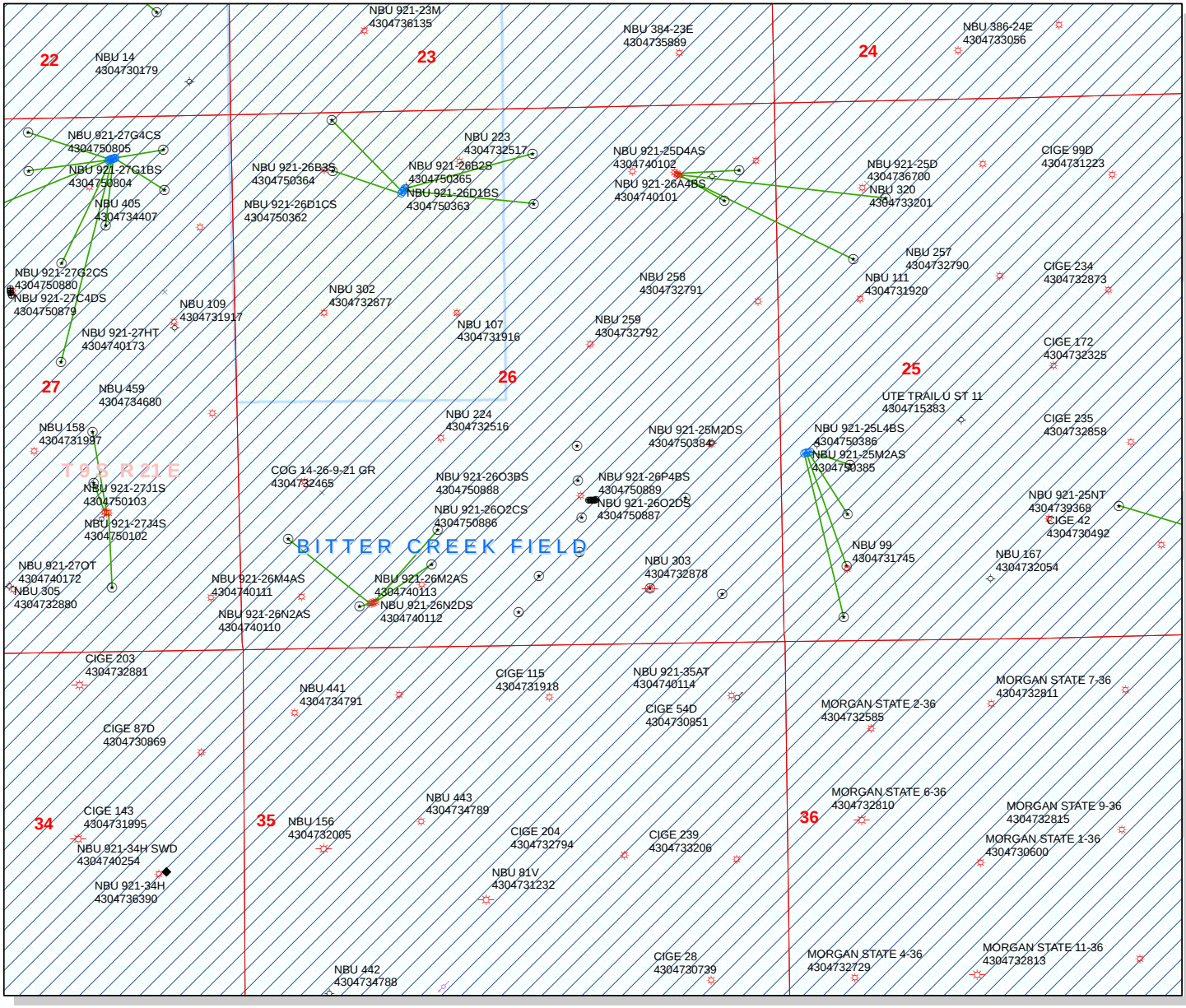
Location: Section 26, Township 9 South, Range 21 East; Uintah County, Utah

Survey-Species: Uinta Basin Hookless Cactus (*Sclerocactus wetlandicus*)

Date: June 4, 2009

Observers: Grasslands Consulting, Inc. Biologists: Nick Hall, Dan Hamilton, and Chris Gayer. Technicians: Chad Johnson, Daniel Ortiz, and Dane Bartlett.

Weather: Partly cloudy, 80-90ºF, 0-5 mph winds with no precipitation.



API Number: 4304750883

Well Name: NBU 921-26J3AS

Township 09.0 S Range 21.0 E Section 26

Meridian: SLBM

Operator: KERR-MCGEE OIL & GAS ONSHORE, L.P.

Map Prepared:
Map Produced by Diana Mason

Units

STATUS
- ACTIVE
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Fields

STATUS
- Unknown
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- STORAGE
- TERMINATED
- Sections
- Township

Wells Query
- <all other values>

Status
- APD - Aproved Permit
- DRL - Spuded (Drilling Commenced)
- GIW - Gas Injection
- GS - Gas Storage
- LA - Location Abandoned
- LOC - New Location
- OPS - Operation Suspended
- PA - Plugged Abandoned
- PGW - Producing Gas Well
- POW - Producing Oil Well
- RET - Returned APD
- SGW - Shut-in Gas Well
- SOW - Shut-in Oil Well
- TA - Temp. Abandoned
- TW - Test Well
- WDW - Water Disposal
- WIW - Water Injection Well
- WSW - Water Supply Well

1,250 625 0 1,250 Feet

1:12,000

'API WellNo:4304750883 0000'

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

January 25, 2010

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2010 Plan of Development Natural Buttes Unit
Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2010 within the Natural Buttes Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ WASATCH-MESA VERDE)		
43-047-50882	NBU 921-26I3DS	Sec 26 T09S R21E 1438 FSL 1811 FEL
		BHL Sec 26 T09S R21E 1441 FSL 0938 FEL
43-047-50883	NBU 921-26J3AS	Sec 26 T09S R21E 1437 FSL 1841 FEL
		BHL Sec 26 T09S R21E 1969 FSL 1985 FEL
43-047-50884	NBU 921-26J3DS	Sec 26 T09S R21E 1436 FSL 1881 FEL
		BHL Sec 26 T09S R21E 1627 FSL 1985 FEL
43-047-50885	NBU 921-26O1BS	Sec 26 T09S R21E 1437 FSL 1851 FEL
		BHL Sec 26 T09S R21E 1262 FSL 1953 FEL
43-047-50886	NBU 921-26O2CS	Sec 26 T09S R21E 1436 FSL 1871 FEL
		BHL Sec 26 T09S R21E 0694 FSL 2379 FEL
43-047-50887	NBU 921-26O2DS	Sec 26 T09S R21E 1437 FSL 1831 FEL
		BHL Sec 26 T09S R21E 0927 FSL 1985 FEL
43-047-50888	NBU 921-26O3BS	Sec 26 T09S R21E 1436 FSL 1861 FEL
		BHL Sec 26 T09S R21E 0343 FSL 2588 FEL
43-047-50889	NBU 921-26P4BS	Sec 26 T09S R21E 1437 FSL 1821 FEL
		BHL Sec 26 T09S R21E 0490 FSL 0595 FEL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Natural Buttes Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:1-25-10

API Well No: 43047508830000

From: Jim Davis
To: Mason, Diana
CC: Bartlett, Floyd; Bonner, Ed; Garrison, LaVonne; kathy.schneebeckdulno...
Date: 1/21/2010 8:32 AM
Subject: Well approvals (8 for Kerr McGee)

The following APDs have been approved by SITLA including arch and paleo clearance.

Kerr-McGee Oil & Gas Onshore's NBU 921-26I3DS [API #4304750882]

Kerr-McGee Oil & Gas Onshore's NBU 921-26J3AS [API #4304750883]

Kerr-McGee Oil & Gas Onshore's NBU 921-26J3DS [API #4304750884]

Kerr-McGee Oil & Gas Onshore's NBU 921-26O1BS [API #4304750885]

Kerr-McGee Oil & Gas Onshore's NBU 921-26O2CS [API #4304750886]

Kerr-McGee Oil & Gas Onshore's NBU 921-26O2DS [API #4304750887]

Kerr-McGee Oil & Gas Onshore's NBU 921-26O3BS [API #4304750888]

Kerr-McGee Oil & Gas Onshore's NBU 921-26P4BS [API #4304750889]

-Jim

Jim Davis
Utah Trust Lands Administration
jimdavis1@utah.gov
Phone: (801) 538-5156

BOPE REVIEW KERR-MCGEE OIL & GAS ONSHORE, L.P. NBU 921-26J3AS 43047508830000

Well Name	KERR-MCGEE OIL & GAS ONSHORE, L.P. NBU 921-26J3AS 4304750883			
String	Surf	Prod		
Casing Size(")	8.625	4.500		
Setting Depth (TVD)	2380	9779		
Previous Shoe Setting Depth (TVD)	40	2380		
Max Mud Weight (ppg)	8.3	12.2		
BOPE Proposed (psi)	500	5000		
Casing Internal Yield (psi)	3380	7780		
Operators Max Anticipated Pressure (psi)	6093	12.0		

Calculations	Surf String	8.625	"
Max BHP (psi)	.052*Setting Depth*MW=	1027	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	741	NO Air drill to just above Birds Nest
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	503	NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	512	NO Common practice in area, reasonable
Required Casing/BOPE Test Pressure=		2366	psi
*Max Pressure Allowed @ Previous Casing Shoe=		40	psi *Assumes 1psi/ft frac gradient

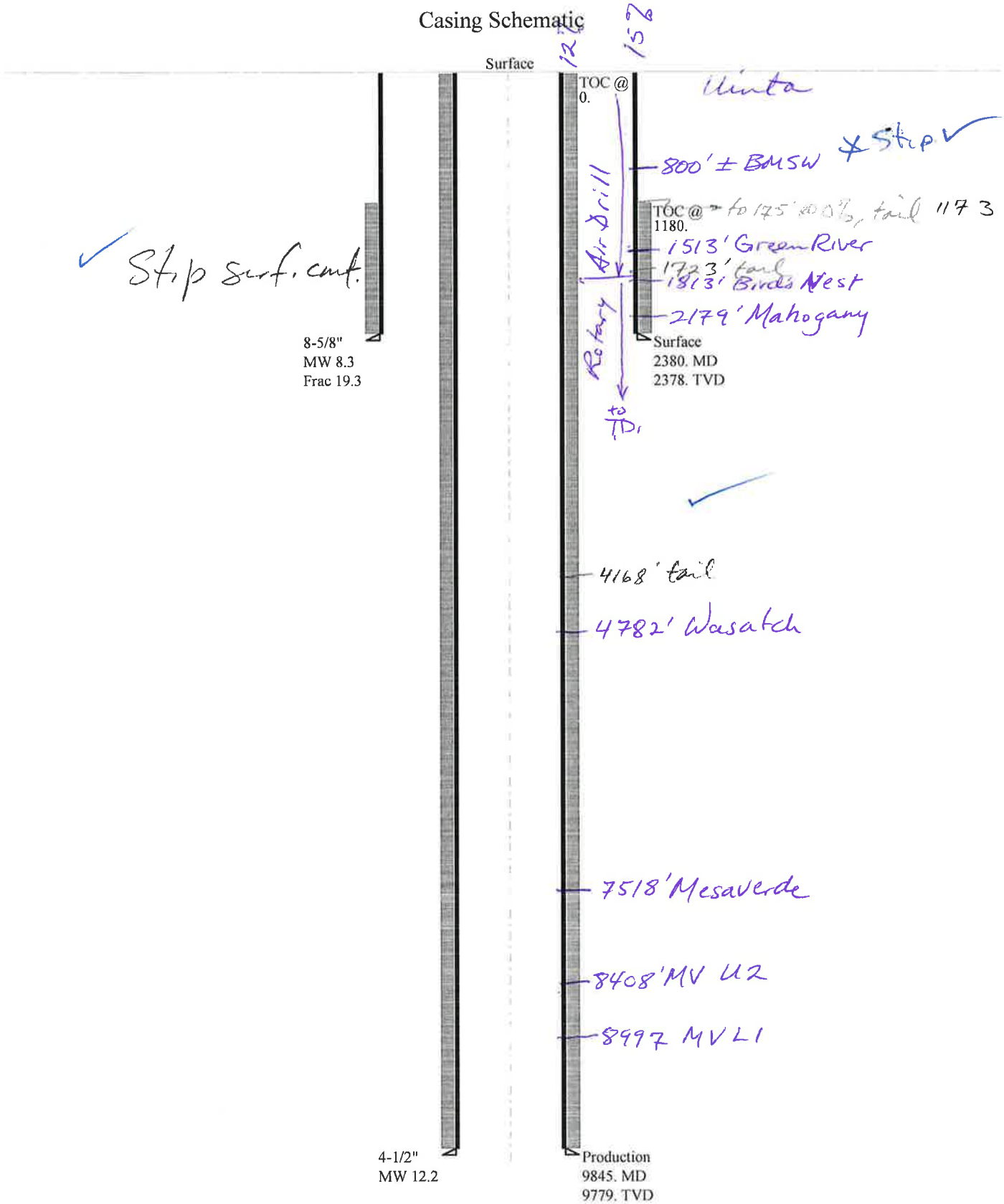
Calculations	Prod String	4.500	"
Max BPH (psi)	.052*Setting Depth*MW=	6204	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	5031	NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	4053	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	4576	NO Reasonable
Required Casing/BOPE Test Pressure=		5000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		2380	psi *Assumes 1psi/ft frac gradient

Calculations	String		"
Max BHP (psi)	.052*Setting Depth*MW=		
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO
Required Casing/BOPE Test Pressure=			psi
*Max Pressure Allowed @ Previous Casing Shoe=			psi *Assumes 1psi/ft frac gradient

Calculations	String		"
Max BHP (psi)	.052*Setting Depth*MW=		
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO
Required Casing/BOPE Test Pressure=			psi
*Max Pressure Allowed @ Previous Casing Shoe=			psi *Assumes 1psi/ft frac gradient

43047508830000 NBU 921-26J3AS

Casing Schematic



Well name:	**43047508830000 NBU 921-26J3AS**
Operator:	**KERR-MCGEE OIL & GAS ONSHORE, L.P.**
String type:	Surface
Project ID:	43-047-50883
Location:	UINTAH COUNTY

Design parameters:

Collapse

Mud weight: 8.330 ppg

Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 2,094 psi

Internal gradient: 0.120 psi/ft

Calculated BHP 2,380 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

8 Round STC:	1.80 (J)
8 Round LTC:	1.70 (J)
Buttress:	1.60 (J)
Premium:	1.50 (J)
Body yield:	1.50 (B)

Tension is based on air weight.

Neutral point: 2,088 ft

Environment:

H2S considered?	No
Surface temperature:	74 °F
Bottom hole temperature:	107 °F
Temperature gradient:	1.40 °F/100ft
Minimum section length:	100 ft
Cement top:	1,180 ft

Directional well information:

Kick-off point	300 ft
Departure at shoe:	96 ft
Maximum dogleg:	3 °/100ft
Inclination at shoe:	3 °

Re subsequent strings:

Next setting depth:	9,779 ft
Next mud weight:	12.200 ppg
Next setting BHP:	6,198 psi
Fracture mud wt:	19.250 ppg
Fracture depth:	2,380 ft
Injection pressure:	2,380 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	2380	8.625	28.00	I-55	LT&C	2378	2380	7.892	94248

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	1029	1880	1.827	2380	3390	1.42	66.6	348	5.23 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940

Date: January 25,2010
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 2378 ft, a mud weight of 8.33 ppg The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.
Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	**43047508830000 NBU 921-26J3AS**
Operator:	**KERR-MCGEE OIL & GAS ONSHORE, L.P.**
String type:	Production
Project ID:	43-047-50883
Location:	UINTAH COUNTY

Design parameters:

Collapse

Mud weight:	12.200 ppg
Internal fluid density:	1.000 ppg

Burst

Max anticipated surface pressure:	4,046 psi
Internal gradient:	0.220 psi/ft
Calculated BHP	6,198 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor	1.125

Burst:

Design factor	1.00

Tension:

8 Round STC:	1.80 (J)
8 Round LTC:	1.80 (J)
Buttress:	1.60 (J)
Premium:	1.50 (J)
Body yield:	1.60 (B)

Tension is based on air weight.
Neutral point: 8,062 ft

Estimated cost: 128,739 ($)

Environment:

H2S considered?	No
Surface temperature:	74 °F
Bottom hole temperature:	211 °F
Temperature gradient:	1.40 °F/100ft
Minimum section length:	100 ft
Cement top:	Surface

Directional well information:

Kick-off point	300 ft
Departure at shoe:	552 ft
Maximum dogleg:	3 °/100ft
Inclination at shoe:	0 °

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
2	9700	4.5	11.60	I-80	LT&C	9634	9700	3.875	128040
1	145	4.5	11.60	HCP-110	LT&C	9779	9845	3.875	699

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
2	5605	6349	1.133	6166	7780	1.26	113.4	212	1.87 J
1	5690	8650	1.520	6198	10690	1.72	1.7	279	99.99 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: January 25,2010
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 9779 ft, a mud weight of 12.2 ppg An internal gradient of .052 psi/ft was used for collapse from TD
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.
Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.

ON-SITE PREDRILL EVALUATION
Utah Division of Oil, Gas and Mining

Operator	KERR-MCGEE OIL & GAS ONSHORE, L.P.				
Well Name	NBU 921-26J3AS				
API Number	43047508830000	**APD No**	2270	**Field/Unit**	NATURAL BUTTES
Location: 1/4,1/4	NWSE **Sec** 26 **Tw** 9.0S **Rng** 21.0E 1437 FSL 1841 FEL				
GPS Coord (UTM)		**Surface Owner**			

Participants

Floyd Bartlett (DOGM), Sheila Wopsock, Clay Einerson, Tony Kazeck, Ramie Hoopes, Joe Bowden, Jeff Samuels (Kerr McGee), Mitch.Batty, John Slaugh, (Timberline Engineering and Land Surveying), Jim Davis (SITLA), Ben Williams, Alex Hansen (UDWR).

Regional/Local Setting & Topography

The general area is the Natural Buttes Unit in a major un-named drainage west of the lower portion of the Sand Wash drainage of Uintah, County, approximately 32 air miles and 53 road miles south of Vernal, Utah. Access is by State of Utah Highways, Uintah County and existing oilfield development roads. Topography of the area is characterized by open flats bordered or dissected by numerous sub-drainages, which often become steep with ridges and draws with exposed sandstone layers. No perennial streams occur in the drainage. Individual draws or washes are ephemeral with spring runoff or flows from sometimes-intense summer rainstorms. No springs exist in the area. An occasional constructed pond occurs furnishing water for antelope or livestock.

The existing pad of the producing NBU 154 gas well will be enlarged to add eight wells that will be directionally drilled. They are the NBU 921-26J3AS, NBU 921-26O2DS, NBU 921-26J3DS, NBU 921-26O1BS, NBU 921-26I3DS, NBU 921-26 P4BS and NBU 921-26O2CS. The site is a relatively flat area in rolling topography. The existing pad will be enlarged to the east where the reserve pit will be located. The northwest corner (Corner 10) extends to the edge of a break that becomes a drainage that runs northerly. Beyond the southwest corner, topography also breaks off into the same drainage. The existing pad will be lowered 0.5 feet at the wellheads to obtain fill. The reserve pit will be on the southeast corner of the location with a small portion of the west end within fill (2.7 feet). With the provided 2 feet of pit freeboard, the 15-foot outside bench and the proposed 30-mil liner, the pit should be stable. No diversions are needed around the pad. The White River is approximately 3 miles down drainage. The location was pre-sited on October 27, 2009 for 4 wells. An additional 4 wells were added for this pre-site on 1/12/2010.

Both the surface and minerals are owned by SITLA.

Surface Use Plan

Current Surface Use
Grazing
Wildlfe Habitat
Existing Well Pad

New Road Miles	Well Pad	Src Const Material	Surface Formation
0	**Width** 340 **Length** 450	Onsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

Vegetation is a salt desert shrub type. Principal species present are cheatgrass, prickly pear, wild onion, shadscale, mat saltbrush, Russian thistle, halogeton, pepper grass, herbaceous sage annuals and curly mesquite grass.

Cattle, antelope and small mammals and birds.

Soil Type and Characteristics

Soils are a deep sandy loam with some rock.

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diverson Required? N

Berm Required? N

Erosion Sedimentation Control Required? N

Paleo Survey Run? Y **Paleo Potental Observed?** N **Cultural Survey Run?** Y **Cultural Resources?**

Reserve Pit

Site-Specific Factors		Site Ranking	
Distance to Groundwater (feet)	100 to 200	5	
Distance to Surface Water (feet)	>1000	0	
Dist. Nearest Municipal Well (ft)	>5280	0	
Distance to Other Wells (feet)		20	
Native Soil Type	Mod permeability	10	
Fluid Type	Fresh Water	5	
Drill Cuttings	Normal Rock	0	
Annual Precipitation (inches)		0	
Affected Populations			
Presence Nearby Utility Conduits	Not Present	0	
	Final Score	40	1 Sensitivity Level

Characteristics / Requirements

The reserve pit will be on the southeast corner of the location with a small portion of the west end within fill (2.7 feet). With the provided 2 feet of pit freeboard, the 15-foot outside bench and the proposed 30-mil liner, the pit should be stable. Dimensions are 100' x 250' x 12' deep with 2' of freeboard.

Closed Loop Mud Required? N **Liner Required?** Y **Liner Thickness** 30 **Pit Underlayment Required?** Y

Other Observations / Comments

Previously onsited for 4 wells on Oct 27, 2009

Floyd Bartlett	1/12/2010
Evaluator	**Date / Time**

Application for Permit to Drill
Statement of Basis

Utah Division of Oil, Gas and Mining

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
2270	43047508830000	SITLA	GW	S	No

Operator	KERR-MCGEE OIL & GAS ONSHORE, L.P.	**Surface Owner-APD**	
Well Name	NBU 921-26J3AS	**Unit**	NATURAL BUTTES
Field	NATURAL BUTTES	**Type of Work**	DRILL
Location	NWSE 26 9S 21E S 1437 FSL 1841 FEL GPS Coord (UTM)		626733E 4429011N

Geologic Statement of Basis

Kerr McGee proposes to set 2,380' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 800'. A search of Division of Water Rights records shows one water wells within a 10,000 foot radius of the center of Section 26. The well is listed as 2,640 feet deep and used for oilfield drilling water. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The proposed casing and cement should adequately protect. Any usable ground water.

Brad Hill	1/20/2010
APD Evaluator	**Date / Time**

Surface Statement of Basis

The general area is the Natural Buttes Unit in a major un-named drainage west of the lower portion of the Sand Wash drainage of Uintah, County, approximately 32 air miles and 53 road miles south of Vernal, Utah. Access is by State of Utah Highways, Uintah County and existing oilfield development roads. Topography of the area is characterized by open flats bordered or dissected by numerous sub-drainages, which often become steep with ridges and draws with exposed sandstone layers. No perennial streams occur in the drainage. Individual draws or washes are ephemeral with spring runoff or flows from sometimes-intense summer rainstorms. No springs exist in the area. An occasional constructed pond occurs furnishing water for antelope or livestock.

The existing pad of the producing NBU 154 gas well will be enlarged to add eight wells that will be directionally drilled. They are the NBU 921-26J3AS, NBU 921-26O2DS, NBU 921-26J3DS, NBU 921-26O1BS, NBU 921-26I3DS, NBU 921-26 P4BS and NBU 921-26O2CS. The site is a relatively flat area in rolling topography. The existing pad will be enlarged to the east where the reserve pit will be located. The northwest corner (Corner 10) extends to the edge of a break that becomes a drainage that runs northerly. Beyond the southwest corner, topography also breaks off into the same drainage. The existing pad will be lowered 0.5 feet at the wellheads to obtain fill. The reserve pit will be on the southeast corner of the location with a small portion of the west end within fill (2.7 feet). With the provided 2 feet of pit freeboard, the 15-foot outside bench and the proposed 30-mil liner, the pit should be stable. No diversions are needed around the pad. The White River is approximately 3 miles down drainage. The location was pre-sited on October 27, 2009 for 4 wells. An additional 4 wells were added for this pre-site on 1/12/2010.

Both the surface and minerals are owned by SITLA. Jim Davis of SITLA attended the site evaluation and had no concerns with the proposal. Kerr McGee was told to consult with SITLA for reclamation standards including seeding mixes to be used.

Alex Hansen and Ben Williams of the Utah Division of Wildlife Resources attended. They stated that the area was yearlong antelope habitat but recommended no stipulations. No other wildlife is expected to be significantly affected.

Application for Permit to Drill
Statement of Basis

Floyd Bartlett	1/12/2010
Onsite Evaluator	**Date / Time**

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 30 mils with a double felt subliner shall be properly installed and maintained in the reserve pit.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 1/12/2010 **API NO. ASSIGNED:** 43047508830000
WELL NAME: NBU 921-26J3AS
OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P. (N2995) **PHONE NUMBER:** 720 929-6156
CONTACT: Danielle Piernot

PROPOSED LOCATION: NWSE 26 090S 210E **Permit Tech Review:** ✔

SURFACE: 1437 FSL 1841 FEL **Engineering Review:** ✔

BOTTOM: 1969 FSL 1985 FEL **Geology Review:** ✔

COUNTY: UINTAH
LATITUDE: 40.00368 **LONGITUDE:** -109.51530
UTM SURF EASTINGS: 626733.00 **NORTHINGS:** 4429011.00
FIELD NAME: NATURAL BUTTES
LEASE TYPE: 3 - State
LEASE NUMBER: ML 22934 **PROPOSED PRODUCING FORMATION(S):** WASATCH-MESA VERDE
SURFACE OWNER: 3 - State **COALBED METHANE:** NO

RECEIVED AND/OR REVIEWED:

- ✔ **PLAT**
- ✔ **Bond:** STATE/FEE - 22013542
- ☐ **Potash**
- ✔ **Oil Shale 190-5**
- ☐ **Oil Shale 190-3**
- ☐ **Oil Shale 190-13**
- ✔ **Water Permit:** Permit #43-8496
- ☐ **RDCC Review:**
- ☐ **Fee Surface Agreement**
- ✔ **Intent to Commingle**

Commingling Approved

LOCATION AND SITING:

- ☐ **R649-2-3.**

Unit: NATURAL BUTTES

- ☐ **R649-3-2. General**
- ☐ **R649-3-3. Exception**
- ✔ **Drilling Unit**

Board Cause No: Cause 173-14
Effective Date: 12/2/1999
Siting: 460' Fr Unit Boundary & Uncommitted Tract

- ✔ **R649-3-11. Directional Drill**

Comments: Presite Completed

Stipulations:
3 - Commingling - ddoucet
5 - Statement of Basis - Bhill
15 - Directional - dmason
17 - Oil Shale 190-5(b) - dmason
25 - Surface Casing - hmacdonald

GARY R. HERBERT
Governor
GREGORY S. BELL
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

Permit To Drill

****

Well Name: NBU 921-26J3AS
API Well Number: 43047508830000
Lease Number: ML 22934
Surface Owner: STATE
Approval Date: 1/28/2010

Issued to:
KERR-MCGEE OIL & GAS ONSHORE, L.P., P.O. Box 173779, Denver, CO 80217

Authority:
Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 173-14. The expected producing formation or pool is the WASATCH-MESA VERDE Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:
This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

Commingle:
In accordance with Board Cause No. 173-14, commingling of the production from the Wasatch formation and the Mesaverde formation in this well is allowed.

General:
Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:
In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

In accordance with the Order in Cause No. 190-5(b) dated October 28, 1982, the operator shall comply with the requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operators shall ensure that the surface and or production casing is properly cemented over the entire oil shale section as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the division.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Surface casing shall be cemented to the surface.

Additional Approvals:
The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this well:
- Any changes to the approved drilling plan – contact Dustin Doucet
- Significant plug back of the well – contact Dustin Doucet
- Plug and abandonment of the well – contact Dustin Doucet

Notification Requirements:
The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:
- Within 24 hours following the spudding of the well – contact Carol Daniels
  OR
  submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at https://oilgas.ogm.utah.gov
- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program – contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well – contact Dan Jarvis

Contact Information:
The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):
- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office
  801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office
  801-231-8956 - after office hours

Reporting Requirements:
All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:
- Entity Action Form (Form 6) – due within 5 days of spudding the well
- Monthly Status Report (Form 9) – due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) – due prior to implementation
- Written Notice of Emergency Changes (Form 9) – due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
- Report of Water Encountered (Form 7) – due within 30 days after completion
- Well Completion Report (Form 8) – due within 30 days after completion or plugging

Approved By:

For Gil Hunt
Associate Director, Oil & Gas

API Well No: 43047508830000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: ML 22934

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: NBU 921-26J3AS

2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.

9. API NUMBER: 43047508830000

3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779

PHONE NUMBER: 720 929-6007 Ext

9. FIELD and POOL or WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1437 FSL 1841 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 26 Township: 09.0S Range: 21.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 2/11/2010	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	✓ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Bury Proposed Pipeline

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Kerr-McGee Oil & Gas Onshore LP (Kerr-McGee) respectfully requests to bury the proposed 10" pipeline for this location. The pipeline will follow the same route as detailed in the originally submitted APD. Please see the attached Surface Use Plan and pipeline plats for additional details. All other information remains the same. Please contact the undersigned with any questions and/or comments. Thank you.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
February 08, 2010

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Danielle Piernot	720 929-6156	Regulatory Analyst
SIGNATURE N/A		**DATE** 2/4/2010

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NBU 921-26I3DS
Surface: 1,438' FSL 1,811' FEL (NW/4SE/4)
BHL: 1,441' FSL 938' FEL (NE/4SE/4)

NBU 921-26J3AS
Surface: 1,437' FSL 1,841' FEL (NW/4SE/4)
BHL: 1,969' FSL 1,985' FEL (NW/4SE/4)

NBU 921-26J3DS
Surface: 1,436' FSL 1,881' FEL (NW/4SE/4)
BHL: 1,627' FSL 1,985' FEL (NW/4SE/4)

NBU 921-26O1BS
Surface: 1,437' FSL 1,851' FEL (NW/4SE/4)
BHL: 1,262' FSL 1,953' FEL (NW/4SE/4)

NBU 921-26O2CS
Surface: 1,436' FSL 1,871' FEL (NW/4SE/4)
BHL: 694' FSL 2,379' FEL (SW/4SE/4)

NBU 921-26O2DS
Surface: 1,437' FSL 1,831' FEL (NW/4SE/4)
BHL: 927' FSL 1,985' FEL (SW/4SE/4)

NBU 921-26O3BS
Surface: 1,436' FSL 1,861' FEL (NW/4SE/4)
BHL: 343' FSL 2,588' FEL (SW/4SE/4)

NBU 921-26P4BS
Surface: 1,437' FSL 1,821' FEL (NW/4SE/4)
BHL: 490' FSL 595' FEL (SE/4SE/4)

Pad: NBU 921-26J
Sec. 26 T9S R21E
Mineral Lease: ML 22934

Uintah, Utah
Operator: Kerr-McGee Oil & Gas Onshore LP

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN SUBMITTED WITH SITE-SPECIFIC INFORMATION

An onsite meeting has been scheduled for January 12, 2010.

Directional Drilling:
In accordance with Utah Oil & Gas Conservation Rule R649-3-11 pertaining to Directional Drilling, this well will be directionally drilled in order to access portions of our lease which are otherwise inaccessible due to topography.

A. Existing Roads:
A) Refer to Topo Map A for directions to the location.
B) Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

B. Planned Access Roads:
See MDP for additional details on road construction.
Approximately ±300' (±0.06 miles) of new access road is proposed. Please refer to the attached Topo Map B. No pipelines will be crossed with the new construction.

RECEIVED February 04, 2010

Existence of pipelines; maximum grade; turnouts; major cut and fills, culverts, or bridges; gates, cattle guards, fence cuts, or modifications to existing facilities were determined at the on-site and are typically shown on the attached Exhibits and Topo maps.

C. Location of Existing Wells Within a 1-Mile Radius:
Please refer to Topo Map C.

D. Location of Existing and Proposed Facilities:
See MDP for additional details on Existing and Proposed Facilities.

This pad will expand the existing pad for the NBU 154, which is a producing well according to Utah Division of Oil, Gas and Mining (UDOGM) records.

The following guidelines will apply if the well is productive.
Approximately ±715' (±0.14 miles) of new buried 10" pipeline around the pad is proposed**.** Another approximately ±360' (±0.07 miles) of buried 10" pipeline is proposed from the tie in point to the edge of the pad. Please refer to Topo D for the existing pipeline. Pipeline segments will be welded or zaplocked together on disturbed areas in or near the location, whenever possible, and dragged into place.

E. Location and Type of Water Supply:
See MDP for additional details on Location and Type of Water Supply.

Water for drilling purposes will be obtained from the following sources:

49-2243	Target Trucking Inc.	Green River- Various points
49-2300	R.N. Industries	White River- Various points
49-2298	RNI Trucking	White River- Various points
49-2231	Nile Chapman	Green River- Various points
49-2299	R.N. Industries	Green River- Various points
49-2306	R.N. Industries	White River- Various points

Water will be hauled to location over the roads marked on Maps A and B.

No water well is to be drilled on this lease.

F. Source of Construction Materials:
See MDP for additional details on Source of Construction Materials.

G. Methods of Handling Waste Materials:
See MDP for additional details on Methods of Handling Waste Materials.

Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites:

RECEIVED February 04, 2010

RNI in Sec. 5 T9S R22E
NBU #159 in Sec. 35 T9S R21E
Ace Oilfield in Sec. 2 T6S R20E
MC&MC in Sec. 12 T6S R19E
Pipeline Facility in Sec. 36 T9S R20E
Goat Pasture Evaporation Pond in SW/4 Sec. 16 T10S R22E
Bonanza Evaporation Pond in Sec. 2 T10S R23E

H. Ancillary Facilities:
See MDP for additional details on Ancillary Facilities.

None are anticipated.

I. Well Site Layout: (See Location Layout Diagram)
See MDP for additional details on Well Site Layout.

All pits will be fenced according to the following minimum standards:

- Net wire (39-inch) will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.
- The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.
- Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
- Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.
- All wire shall be stretched, by using a stretching device, before it is attached to corner posts.

J. Plans for Reclamation of the Surface:
See MDP for additional details on Plans for Reclamation of the Surface.

K. Surface/Mineral Ownership:
SITLA
675 East 500 South, Suite 500
Salt Lake City, UT 84102

L. Other Information:
See MDP for additional details on Other Information.

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M. Lessee's or Operators' Representative & Certification:

Kathy Schneebeck Dulnoan
Staff Regulatory Analyst
Kerr-McGee Oil & Gas Onshore LP
PO Box 173779
Denver, CO 80217-3779
(720) 929-6007

Tommy Thompson
General Manager, Drilling
Kerr-McGee Oil & Gas Onshore LP
PO Box 173779
Denver, CO 80217-3779
(720) 929-6724

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Kerr-McGee Oil & Gas Onshore LP is considered to be the operator of the subject well. Kerr-McGee Oil & Gas Onshore LP agrees to be responsible under terms and conditions of the lease for the operations conducted upon leased lands.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by State Surety Bond 22013542.

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that I have full knowledge of the State and Federal laws applicable to this operation; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for operations conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filing of false statements.

Kathy Schneebeck Dulnoan

January 12, 2010
Date

RECEIVED February 04, 2010

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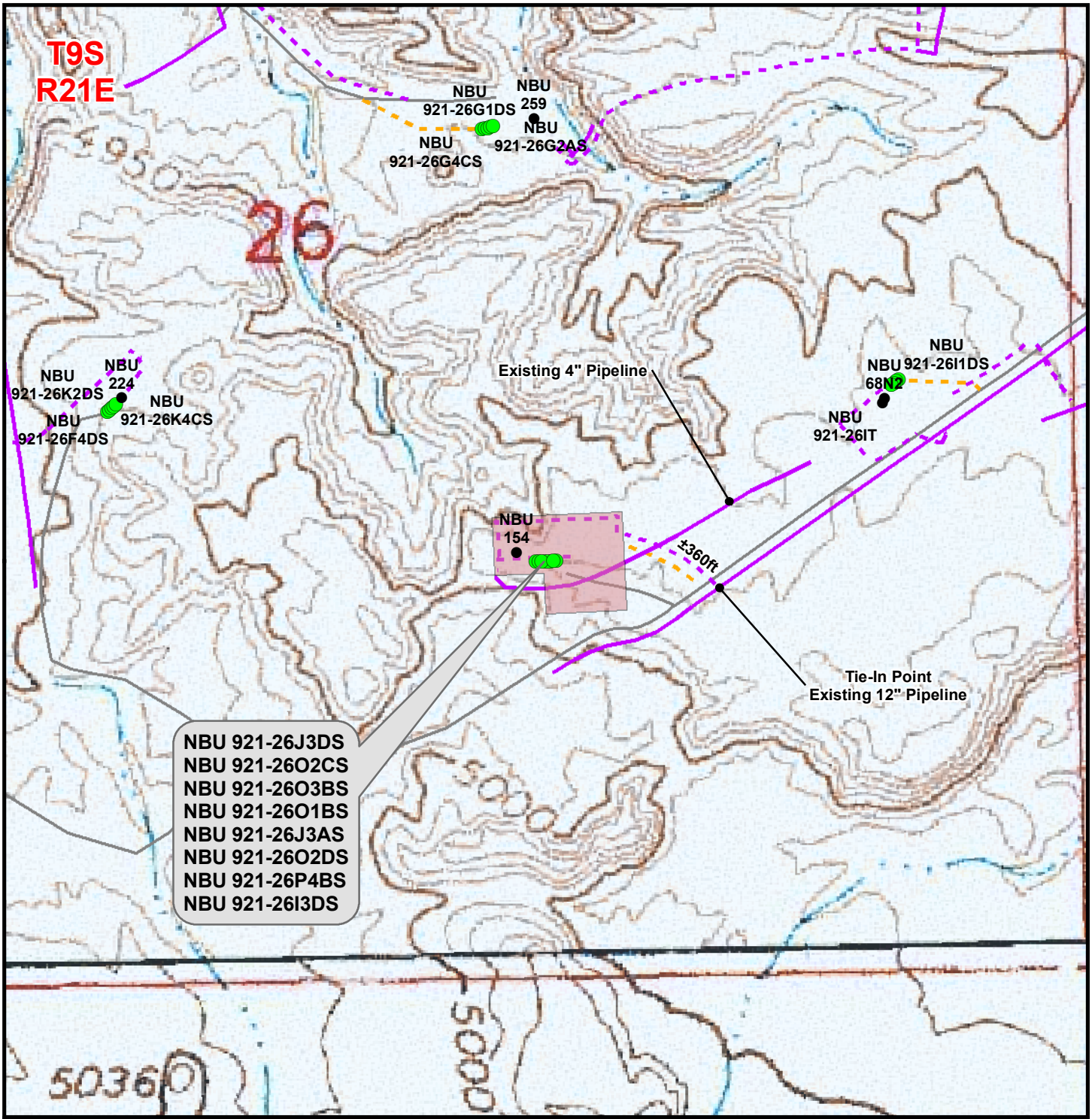

Legend

Proposed Pipeline Length From Tie-In Point To Edge Of Pad: ±360ft
Proposed Pipeline Length Around Pad: ±715ft

Well - Proposed | Well Pad | Pipeline - Proposed | Road - Proposed | Bureau of Land Management | State
Well - Existing | Pipeline - Existing | Road - Existing | Indian Reservation | Private

Kerr-McGee Oil & Gas Onshore, LP
1099 18th Street, Denver, Colorado 80202

Well Pad - NBU 921-26J

NBU 921-26J3DS, NBU 921-26O2CS, NBU 921-26O3BS, NBU 921-26O1BS, NBU 921-26J3AS, NBU 921-26O2DS, NBU 921-26P4BS & NBU 921-26I3DS
Topo D (Pad & Pipeline Detail)
Located In Section 26, T9S, R21E
S.L.B.&M., Uintah County, Utah

609 CONSULTING, LLC
371 Coffeen Avenue
Sheridan, WY 82801
Phone (307) 674-0609
Fax (307) 674-0182

N

Scale: 1" = 500ft	NAD83 USP Central		Sheet No: 16A
Drawn: JELo	Date: 1 Oct 2009		16A of 18
Revised: JELo	Date: 28 Dec 2009		

RECEIVED February 04, 2010

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: **KERR-McGEE OIL & GAS ONSHORE, L.P.**

Well Name: **NBU 921-26J3AS**

Api No: **43-047-50883** Lease Type: **STATE**

Section **26** Township **09S** Range **21E** County **UINTAH**

Drilling Contractor **PETE MARTIN DRLG** RIG # **BUCKET**

SPUDDED:

Date **02/25/2010**

Time **4:00 PM**

How **DRY**

Drilling will Commence:

Reported by **JAMES GOBER**

Telephone # **(435) 828-7024**

Date **03/01/2010** **Signed** **CHD**

API Well No: 43047508830000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: ML 22934

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: NBU 921-26J3AS

2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.

9. API NUMBER: 43047508830000

3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779

PHONE NUMBER: 720 929-6007 Ext

9. FIELD and POOL or WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1437 FSL 1841 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 26 Township: 09.0S Range: 21.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
✓ SPUD REPORT Date of Spud: 2/25/2010	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

MIRU PETE MARTIN BUCKET RIG. DRILLED 20" CONDUCTOR HOLE TO 40'. RAN 14" 36.7# CONDUCTOR PIPE. CMT W/28 SX READY MIX. SPUD WELL LOCATION ON 02/25/2010 AT 16:00 HRS.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
March 01, 2010

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Andy Lytle	720 929-6100	Regulatory Analyst
SIGNATURE N/A		**DATE** 3/1/2010

RECEIVED March 01, 2010

API Well No: 43047508830000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: ML 22934

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: NBU 921-26J3AS

2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.

9. API NUMBER: 43047508830000

3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779

PHONE NUMBER: 720 929-6007 Ext

9. FIELD and POOL or WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1437 FSL 1841 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 26 Township: 09.0S Range: 21.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 4/10/2010	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Change TD, target form

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Kerr-McGee Oil & Gas Onshore LP (KMG) respectfully requests to change the total depth (TD) and target formation for this well. Please see the attached 10-point plan, drilling diagram and directional drilling plan for additional details. All other information remains the same. Please contact the undersigned with any questions and/or comments. Thank you.

Approved by the Utah Division of Oil, Gas and Mining

Date: April 07, 2010

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Kathy Schneebeck-Dulnoan	720 929-6007	Staff Regulatory Analyst

SIGNATURE	DATE
N/A	4/1/2010

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The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047508830000

A sundry notice of intent should be submitted detailing completion proposal prior to commencing completion operations.

A commingling request will also need to be submitted and approved if the proposal is to commingle the production from the Mancos formation with production from the Wasatch and Mesaverde formations.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: April 07, 2010

By:

Well name:	**43047508830000 NBU 922-26J3ASrev.**
Operator:	**Kerr McGee Oil & Gas Onshore L.P.**
String type:	Production
Project ID:	43-047-50883-0000
Location:	Uintah County, Utah

Design parameters:

Collapse

Mud weight: 12.500 ppg

Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 2,249 psi

Internal gradient: 0.439 psi/ft

Calculated BHP 6,934 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

8 Round STC:	1.80 (J)
8 Round LTC:	1.80 (J)
Buttress:	1.60 (J)
Premium:	1.50 (J)
Body yield:	1.50 (B)

Tension is based on buoyed weight.

Neutral point: 8,745 ft

Environment:

H2S considered?	No
Surface temperature:	75 °F
Bottom hole temperature:	225 °F
Temperature gradient:	1.40 °F/100ft
Minimum section length:	1,500 ft
Cement top:	292 ft

Directional well information:

Kick-off point	1950 ft
Departure at shoe:	444 ft
Maximum dogleg:	3 °/100ft
Inclination at shoe:	0 °

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	10740	4.5	11.60	HCP-110	LT&C	10679	10740	3.875	937.2

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	6934	8650	1.247	6934	10690	1.54	101	279	2.77 J

Approved by the Utah Division of Oil, Gas and Mining

Date: April 07, 2010

By:

Prepared by: Dustin K. Doucet, Div of Oil,Gas & Mining

Phone: (801) 538-5281

FAX: (801) 359-3940

Date: April 7,2010

Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 10679 ft, a mud weight of 12.5 ppg The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.
Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.

NBU 921-26J3AS
Pad: NBU 921-26J
Surface: 1,437' FSL 1,841' FEL (NW/4SE/4)
BHL: 1,969' FSL 1,985' FEL (NW/4SE/4)
Sec. 26 T9S R21E

Uintah, Utah
Mineral Lease: ML 22934

ONSHORE ORDER NO. 1

DRILLING PROGRAM

REVISED (04/01/10)

1. – 2. Estimated Tops of Important Geologic Markers:
Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:

Formation	Depth	Resource
Uinta	0 – Surface	
Green River	1,513'	
Birds Nest	1,813'	Water
Mahogany	2,179'	Water
Wasatch	4,782'	Gas
Mesaverde	7,518'	Gas
MVU2	8,408'	Gas
MVL1	8,997'	Gas
Sego	9,761'	Gas
Castlegate	9,874'	Gas
MN5	10,245'	Gas
TVD	10,740'	
TD	10,798'	

3. Pressure Control Equipment (Schematic Attached)

Please refer to the attached Drilling Program.

4. Proposed Casing & Cementing Program:

Please refer to the attached Drilling Program.

5. Drilling Fluids Program:

Please refer to the attached Drilling Program.

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6. Evaluation Program:

Please refer to the attached Drilling Program.

7. Abnormal Conditions:

Maximum anticipated bottomhole pressure calculated at 10,740' TD, approximately equals 6,859 psi (calculated at 0.64 psi/foot).

Maximum anticipated surface pressure equals approximately 4,496 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. Anticipated Starting Dates:

Drilling is planned to commence immediately upon approval of this application.

9. Variances:

Please refer to the attached Drilling Program.
Onshore Order #2 – Air Drilling Variance

Kerr-McGee Oil & Gas Onshore LP (KMG) respectfully requests a variance to several requirements associated with air drilling outlined in Onshore Order 2

- *Blowout Prevention Equipment (BOPE) requirements;*
- *Mud program requirements; and*
- *Special drilling operation (surface equipment placement) requirements associated with air drilling.*

This Standard Operating Practices addendum provides supporting information as to why KMG current air drilling practices for constructing the surface casing hole should be granted a variance to Onshore Order 2 air drilling requirements.

The reader should note that the air rig is used only to construct a stable surface casing hole through a historically difficult lost circulation zone. A conventional rotary rig follows the air rig, and is used to drill and construct the majority of the wellbore.

More notable, KMG has used the air rig layout and procedures outlined below to drill the surface casing hole in approximately 675 wells without incident of blow out or loss of life.

Background
In a typical well, KMG utilizes an air rig for drilling the surface casing hole, an interval from the surface to surface casing depths, which varies in depth from 1,700 to 2,800 feet. The air rig drilling operation does not drill through productive or over pressured formations in KMG field, but does penetrate the Uinta and Green River Formations. The purpose of the air drilling operation is to overcome the severe loss circulation zone in the Green River known as the Bird's Nest while creating a stable hole for the surface casing. The surface casing hole is generally drilled to approximately 500 feet below the Bird's Nest.

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Before the surface air rig is mobilized, a rathole rig is utilized to set and cement conductor pipe through a competent surface formation. Generally, the conductor is set at 40 feet. In some cases, conductor may be set deeper in areas that the surface formation is not found competent. This rig also drills the rat and mouse holes in preparation for the surface casing and production string drilling operations.

The air rig is then mobilized to drill the surface casing hole by drilling a 12-1/4 inch hole to just above the Bird's Nest interval with an air hammer. The hammer is then tripped and replaced with a 12-1/4 inch tri-cone bit. The tri-cone bit is used to drill to the surface casing point, approximately 500 feet below the loss circulation zone (Bird's Nest). The 9-5/8 inch surface casing is then run and cemented in place, thereby isolating the lost circulation zone.

KMG fully appreciates Onshore Order 2 well control and safety requirements associated with a typical air drilling operations. However, the requirements of Onshore Order 2 are excessive with respect to the air rig layout and drilling operation procedures that are currently in practice to drill and control the surface casing hole in KMG Fields.

Variance for BOPE Requirements
The air rig operation utilizes a properly lubricated and maintained air bowl diverter system which diverts the drilling returns to a six-inch blooie line. The air bowl is the only piece of BOPE equipment which is installed during drilling operations and is sufficient to contain the air returns associated with this drilling operation. As was discussed earlier, the drilling of the surface hole does not encounter any over pressured or productive zones, and as a result standard BOPE equipment should not be required. In addition, standard drilling practices do not support the use of BOPE on 40 feet of conductor pipe.

Variance for Mud Material Requirements
Onshore Order 2 also states that sufficient quantities of mud materials shall be maintained or readily accessible for the purpose of assuring adequate well control. Once again, the surface hole drilling operations does not encounter over pressured or productive intervals, and as a result there is not a need to control pressure in the surface hole with a mud system. Instead of mud, the air rigs utilize water from the reserve pit for well control, if necessary. A skid pump which is located near the reserve pit (see attachment) will supply the water to the well bore.

Variance for Special Drilling Operation (surface equipment placement) Requirements
Onshore Order 2 requires specific safety distances or setbacks for the placement of associated standard air drilling equipment, wellbore, and reserve pits. The air rigs used to drill the surface holes are not typical of an air rig used to drill a producing hole in other parts of the US. These are smaller in nature and designed to fit a KMG location. The typical air rig layout for drilling surface hole in the field is attached.

Typically the blooie line discharge point is required to be 100 feet from the well bore. In the case of a KMG well, the reserve pit is only 45 feet from the rig and is used for the drill cuttings. The blooie line, which transports the drill cuttings from the well to the reserve pit, subsequently discharges only 45 feet from the well bore.

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Typically the air rig compressors are required to be located in the opposite direction from the blooie line and a minimum of 100 feet from the well bore. At the KMG locations, the air rig compressors are approximately 40 feet from the well bore and approximately 60 feet from the blooie line discharge due to the unique air rig design. The air compressors (see attachment) are located on the rig (1250 cfm) and on a standby trailer (1170 cfm). A booster sits between the two compressors and boosts the output from 350 psi to 2000 psi. The design does put the booster and standby compressor opposite from the blooie line.

Lastly, Onshore Order 2 addresses the need for an automatic igniter or continuous pilot light on the blooie line. The air rig does not utilize an igniter as the surface hole drilling operation does not encounter productive formations.

Conclusion
The air rig operating procedures and the attached air rig layout have effectively maintained well control while drilling the surface holes in KMG Fields. KMG respectfully requests a variance from Onshore Order 2 with respect to air drilling well control requirements as discussed above.

10. Other Information:

Please refer to the attached Drilling Program.

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KERR-McGEE OIL & GAS ONSHORE LP

DRILLING PROGRAM

COMPANY NAME	KERR-McGEE OIL & GAS ONSHORE LP	DATE	April 1, 2010
WELL NAME	**NBU 921-26J3AS**	TD	10,740' TVD 10,798' MD
FIELD	Natural Buttes	COUNTY Uintah	STATE Utah
		FINISHED ELEVATION	5,009'
SURFACE LOCATION	NW/4 SE/4 1,437' FSL 1,841' FEL Sec 26 T 9S R 21E		
	Latitude: 40.003738 Longitude: -109.515377 NAD 27		
BTM HOLE LOCATION	NW/4 SE/4 1,969' FSL 1,985' FWL Sec 27 T 9S R 21E		
	Latitude: 40.005165 Longitude: -109.516579 NAD 27		
OBJECTIVE ZONE(S)	Wasatch/Mesaverde/Lower Mesaverde		
ADDITIONAL INFO	Regulatory Agencies: UDOGM (Minerals), SITLA (Surface), UDOGM Tri-County Health Dept.		

GEOLOGICAL			MECHANICAL		
LOGS	FORMATION TOPS	DEPTH	HOLE SIZE	CASING SIZE	MUD WEIGHT
		40'	14"		
			11"	8-5/8", 32#, IJ-55, LTC	Air mist
All water flows encountered while drilling will be reported to the appropriate agencies.					
	Green River @	**1,513'**			
	Top of Birds Nest @	**1,813**			
	Mahogany @	**2,179**			
	Preset f/ GL @ 2,442' MD				
	Note: 11" surface hole will usually be drilled ±400' below the lost circulation zone (aka bird's nest). Drilled depth may be ±200' of the estimated set depth depending on the acutal depth of the loss zone.				
	Wasatch @	**4,782'**			
Mud logging program TBD Cased hole logging program from TD - surf csg			7-7/8"	4-1/2" 11.6# HCP-110 or equivalent BTC/LTC csg	Water / Fresh Water Mud 8.3-12.5 ppg
	Mverde @	**7,518' TVD**			
	MVU2 @	**8,408' TVD**			
	MVU1 @	**8,997' TVD**			
	Sego @	**9,779' TVD**			
	Castlegate @	**9,874' TVD**			
	MN5 @	**10,245' TVD**			
Max anticipated Mud required 12.5 ppg	**TD @**	**10,740' TVD** **10,798' MD**			

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KERR-McGEE OIL & GAS ONSHORE LP

DRILLING PROGRAM

CASING PROGRAM

	SIZE	INTERVAL			WT.	GR.	CPLG.	DESIGN FACTORS BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'								
								3,390	1,880	348,000
SURFACE	8-5/8"	0	to	2,442'	28.00	IJ-55	LTC	0.73	1.65	5.04
								10,690	8,650	279,000
PRODUCTION	4-1/2"	0	to	10,740'	11.60	HCP-110	LTC	4.52	1.24	2.77

*Burst on suface casing is controlled by fracture gradient as shoe with gas gradient above. D.F. = 2.20

1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point))

2) MASP (Prod Casing) = Pore Pressure at TD - (0.22 psi/ft-partial evac gradient x TD)
(Burst Assumptions: TD = 12.5 ppg) 0.22 psi/ft = gradient for partially evac wellbore
(Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)
MASP 4,496 psi

3) Maximum Anticipated Bottom Hole Pressure (MABHP) = Pore Pressure at TD
(Burst Assumptions: TD = 12.5 ppg) 0.64 psi/ft = bottomhole gradient
(Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)
MABHP 6,859 psi

CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE	LEAD	500'	Premium cmt + 2% CaCl	180	60%	15.80	1.15
Option 1			+ 0.25 pps flocele				
	TOP OUT CMT (6 jobs)	1,200'	20 gals sodium silicate + Premium cmt	270	0%	15.80	1.15
			+ 2% CaCl + 0.25 pps flocele				
SURFACE		**NOTE: If well will circulate water to surface, option 2 will be utilized**					
Option 2	LEAD	1,942'	65/35 Poz + 6% Gel + 10 pps gilsonite	180	35%	11.00	3.82
			+ 0.25 pps Flocele + 3% salt BWOW				
	TAIL	500'	Premium cmt + 2% CaCl	150	35%	15.80	1.15
			+ 0.25 pps flocele				
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.80	1.15
PRODUCTION	LEAD	4,278'	Premium Lite II + 3% KCl + 0.25 pps	350	40%	11.00	3.38
			celloflake + 5 pps gilsonite + 10% gel				
			+ 0.5% extender				
	TAIL	6,520'	50/50 Poz/G + 10% salt + 2% gel	1,600	40%	14.30	1.31
			+ 0.1% R-3				

*Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained
*Substitute caliper hole volume plus 10% excess for TAIL if accurate caliper is obtained

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe
PRODUCTION	Float shoe, 1 jt, float collar. No centralizers will be used.

ADDITIONAL INFORMATION

Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.

BOPE: 11" 5M with one annular and 2 rams. The BOPE will be installed before the production hole is drilled and tested to 5,000 psi (annular to 2,500 psi) prior to drilling out the surface casing shoe. Record on chart recorder and tour sheet. Function test rams on each trip. Maintain safety valve and inside BOP on rig floor at all times. Most rigs have top drives; however, if used, the Kelly is to be equipped with upper and lower kelly valves.

Surveys will be taken at 1,000' minimum intervals.

Most rigs have PVT System for mud monitoring. If no PVT is available, visual monitoring will be utilized.

DRILLING ENGINEER: John Huycke / Emile Goodwin
DRILLING SUPERINTENDENT: John Merkel / Lovel Young

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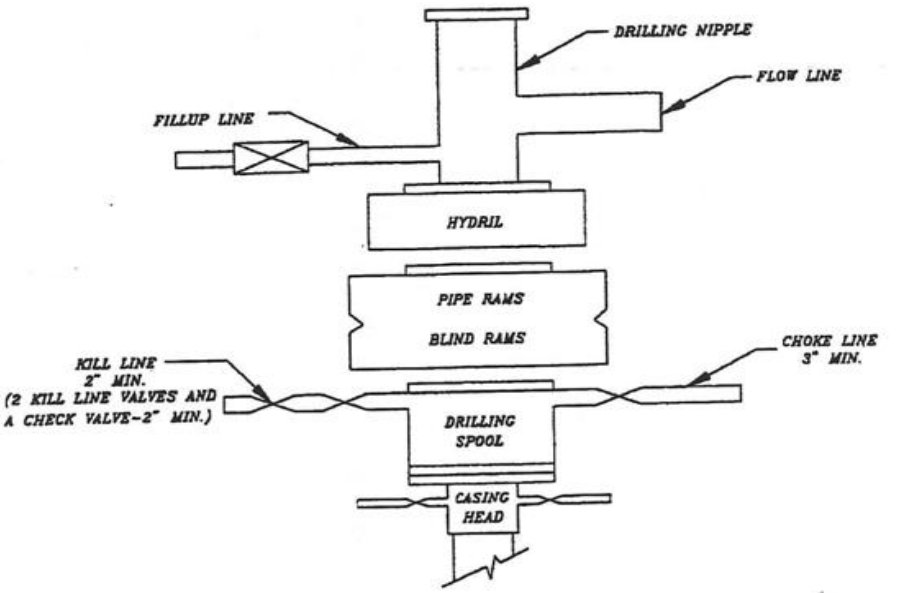
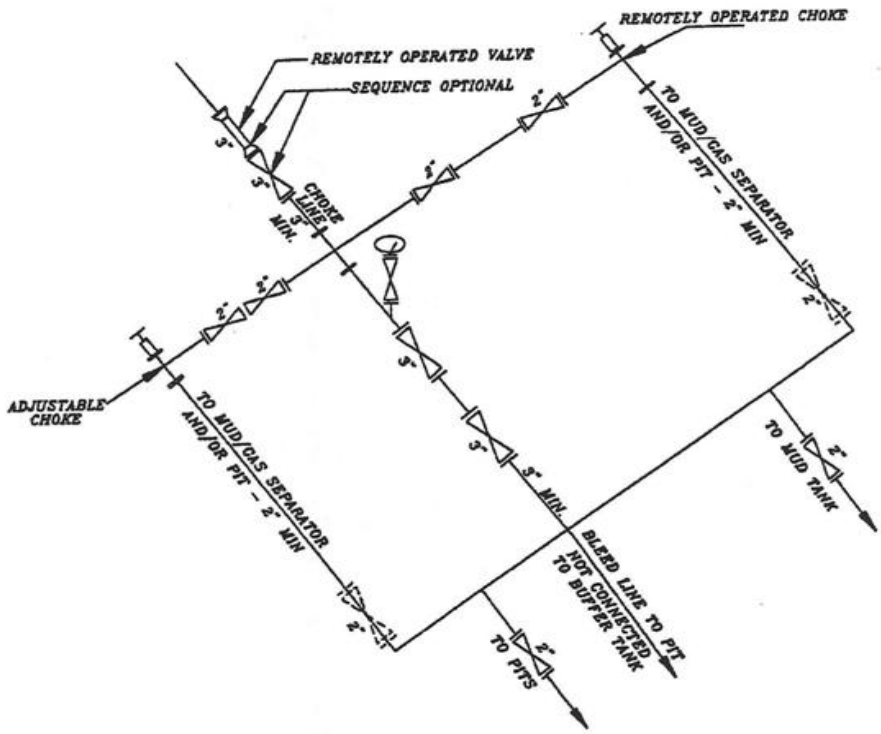
EXHIBIT A
NBU 921-26J3AS





SCHEMATIC DIAGRAM OF 5,000 PSI BOP STACK

RECEIVED April 01, 2010

ANADARKO PETROLEUM CORP.

UINTAH COUNTY, UTAH (nad 27)
NBU 921-26J Pad
NBU 921-26J3AS

NBU 921-26J3AS

Plan: PLAN #1 1-6-10 RHS

Standard Planning Report

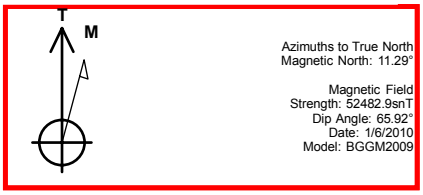
29 March, 2010

RECEIVED April 01, 2010

Anadarko E&P Company LP

NBU 921-26J3AS
UINTAH COUNTY, UTAH (nad 27)
SECTION 26 T9S R21 E
(1437 FSL 1841 FEL)
LAT: 40° 0' 13.457 N
LONG: 109° 30' 55.357 W
RIG: H&P 298

Weatherford®



WELL DETAILS: NBU 921-26J3AS

Ground Level: 5009.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	14530868.63	2056183.17	40° 0' 13.457 N	109° 30' 55.357 W	

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
4782.00	4839.51	WASATCH
8997.00	9054.51	MESAVERDE

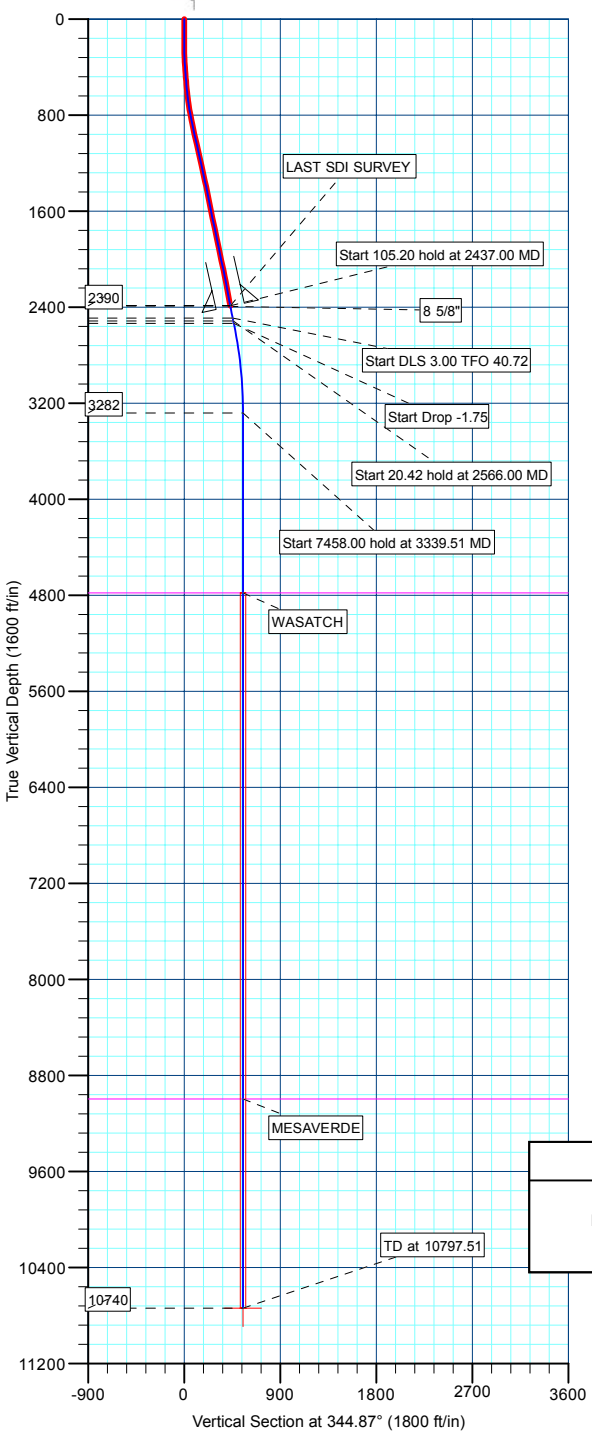
SECTION DETAILS

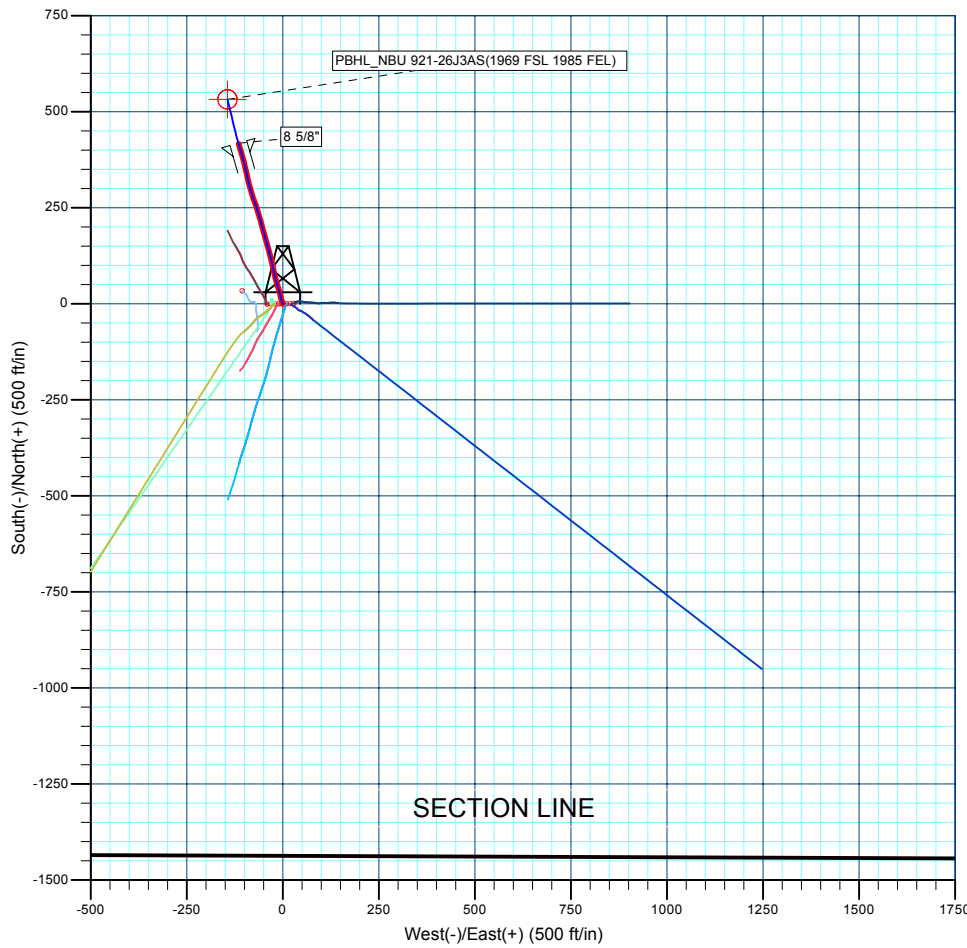
MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
2437.00	12.63	344.21	2389.80	416.91	-114.76	0.00	0.00	432.42	
2542.20	12.63	344.21	2492.45	439.05	-121.02	0.00	0.00	455.42	
2566.00	13.18	346.25	2515.65	444.19	-122.37	3.00	40.72	460.73	
2586.42	13.18	346.25	2535.53	448.71	-123.48	0.00	0.00	465.38	
3339.51	0.00	0.00	3282.00	532.47	-143.97	1.75	180.00	551.59	
10797.51	0.00	0.00	10740.00	532.47	-143.97	0.00	0.00	551.59	PBHL_NBU 921-26J3AS(1969 FSL 1985 FEL)

KB ELEV: WELL @ 5035.00ft (Original Well Elev)
GRD ELEV: 5009.00

CASING DETAILS

TVD	MD	Name	Size
2394.87	2442.20	8 5/8"	8.62





WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG)

	Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
	PBHL	10740.00	532.47	-143.97	14531398.63	2056030.35	40° 0' 18.720 N	109° 30' 57.208 W	Circle (Radius: 25.00)

Plan: PLAN #1 1-6-10 RHS (NBU 921-26J3AS/NBU 921-26J3AS)

Created By: Robert H. Scott

RECEIVED April 01, 2010

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Company:	ANADARKO PETROLEUM CORP.	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Project:	UINTAH COUNTY, UTAH (nad 27)	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site:	NBU 921-26J Pad	**North Reference:**	True
Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	NBU 921-26J3AS		
Design:	PLAN #1 1-6-10 RHS		

Project UINTAH COUNTY, UTAH (nad 27),

Map System:	Universal Transverse Mercator (US Survey Fee	**System Datum:**	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Zone 12N (114 W to 108 W)		

Site NBU 921-26J Pad, SECTION 26 T9S R21 E

Site Position:		**Northing:**	14,530,870.22 ft	**Latitude:**	40° 0' 13.468 N
From:	Lat/Long	**Easting:**	2,056,213.12 ft	**Longitude:**	109° 30' 54.972 W
Position Uncertainty:	0.00 ft	**Slot Radius:**	in	**Grid Convergence:**	0.95 °

Well NBU 921-26J3AS

Well Position	**+N/-S**	-1.09 ft	**Northing:**	14,530,868.63 ft	**Latitude:**	40° 0' 13.457 N
	+E/-W	-29.97 ft	**Easting:**	2,056,183.17 ft	**Longitude:**	109° 30' 55.357 W
Position Uncertainty		0.00 ft	**Wellhead Elevation:**	ft	**Ground Level:**	5,009.00 ft

Wellbore NBU 921-26J3AS

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2009	1/6/2010	11.29	65.92	52,483

Design PLAN #1 1-6-10 RHS

Audit Notes:

Version:		**Phase:**	PLAN	**Tie On Depth:**	2,437.00

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	344.87

Plan Sections

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
2,437.00	12.63	344.21	2,389.80	416.91	-114.76	0.00	0.00	0.00	0.00	
2,542.20	12.63	344.21	2,492.45	439.05	-121.02	0.00	0.00	0.00	0.00	
2,566.00	13.18	346.25	2,515.65	444.19	-122.37	3.00	2.31	8.59	40.72	
2,586.42	13.18	346.25	2,535.53	448.71	-123.48	0.00	0.00	0.00	0.00	
3,339.51	0.00	0.00	3,282.00	532.47	-143.97	1.75	-1.75	0.00	180.00	
10,797.51	0.00	0.00	10,740.00	532.47	-143.97	0.00	0.00	0.00	0.00	PBHL_NBU 921-26

RECEIVED April 01, 2010

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Company:	ANADARKO PETROLEUM CORP.	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Project:	UINTAH COUNTY, UTAH (nad 27)	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site:	NBU 921-26J Pad	**North Reference:**	True
Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	NBU 921-26J3AS		
Design:	PLAN #1 1-6-10 RHS		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
Start 105.20 hold at 2437.00 MD									
2,437.00	12.63	344.21	2,389.80	416.91	-114.76	432.42	0.00	0.00	0.00
8 5/8"									
2,442.20	12.63	344.21	2,394.87	418.01	-115.07	433.55	0.00	0.00	0.00
2,500.00	12.63	344.21	2,451.28	430.17	-118.51	446.19	0.00	0.00	0.00
Start DLS 3.00 TFO 40.72									
2,542.20	12.63	344.21	2,492.45	439.05	-121.02	455.42	0.00	0.00	0.00
Start 20.42 hold at 2566.00 MD									
2,566.00	13.18	346.25	2,515.65	444.19	-122.37	460.73	3.00	2.31	8.59
Start Drop -1.75									
2,586.42	13.18	346.25	2,535.53	448.71	-123.48	465.38	0.00	0.00	0.00
2,600.00	12.94	346.25	2,548.76	451.69	-124.21	468.45	1.75	-1.75	0.00
2,700.00	11.19	346.25	2,646.55	472.00	-129.17	489.35	1.75	-1.75	0.00
2,800.00	9.44	346.25	2,744.93	489.39	-133.43	507.25	1.75	-1.75	0.00
2,900.00	7.69	346.25	2,843.81	503.86	-136.97	522.14	1.75	-1.75	0.00
3,000.00	5.94	346.25	2,943.10	515.39	-139.79	534.01	1.75	-1.75	0.00
3,100.00	4.19	346.25	3,042.71	523.97	-141.89	542.84	1.75	-1.75	0.00
3,200.00	2.44	346.25	3,142.53	529.58	-143.26	548.62	1.75	-1.75	0.00
3,300.00	0.69	346.25	3,242.49	532.24	-143.91	551.35	1.75	-1.75	0.00
Start 7458.00 hold at 3339.51 MD									
3,339.51	0.00	0.00	3,282.00	532.47	-143.97	551.59	1.75	-1.75	0.00
3,400.00	0.00	0.00	3,342.49	532.47	-143.97	551.59	0.00	0.00	0.00
3,500.00	0.00	0.00	3,442.49	532.47	-143.97	551.59	0.00	0.00	0.00
3,600.00	0.00	0.00	3,542.49	532.47	-143.97	551.59	0.00	0.00	0.00
3,700.00	0.00	0.00	3,642.49	532.47	-143.97	551.59	0.00	0.00	0.00
3,800.00	0.00	0.00	3,742.49	532.47	-143.97	551.59	0.00	0.00	0.00
3,900.00	0.00	0.00	3,842.49	532.47	-143.97	551.59	0.00	0.00	0.00
4,000.00	0.00	0.00	3,942.49	532.47	-143.97	551.59	0.00	0.00	0.00
4,100.00	0.00	0.00	4,042.49	532.47	-143.97	551.59	0.00	0.00	0.00
4,200.00	0.00	0.00	4,142.49	532.47	-143.97	551.59	0.00	0.00	0.00
4,300.00	0.00	0.00	4,242.49	532.47	-143.97	551.59	0.00	0.00	0.00
4,400.00	0.00	0.00	4,342.49	532.47	-143.97	551.59	0.00	0.00	0.00
4,500.00	0.00	0.00	4,442.49	532.47	-143.97	551.59	0.00	0.00	0.00
4,600.00	0.00	0.00	4,542.49	532.47	-143.97	551.59	0.00	0.00	0.00
4,700.00	0.00	0.00	4,642.49	532.47	-143.97	551.59	0.00	0.00	0.00
4,800.00	0.00	0.00	4,742.49	532.47	-143.97	551.59	0.00	0.00	0.00
WASATCH									
4,839.51	0.00	0.00	4,782.00	532.47	-143.97	551.59	0.00	0.00	0.00
4,900.00	0.00	0.00	4,842.49	532.47	-143.97	551.59	0.00	0.00	0.00
5,000.00	0.00	0.00	4,942.49	532.47	-143.97	551.59	0.00	0.00	0.00
5,100.00	0.00	0.00	5,042.49	532.47	-143.97	551.59	0.00	0.00	0.00
5,200.00	0.00	0.00	5,142.49	532.47	-143.97	551.59	0.00	0.00	0.00
5,300.00	0.00	0.00	5,242.49	532.47	-143.97	551.59	0.00	0.00	0.00
5,400.00	0.00	0.00	5,342.49	532.47	-143.97	551.59	0.00	0.00	0.00
5,500.00	0.00	0.00	5,442.49	532.47	-143.97	551.59	0.00	0.00	0.00
5,600.00	0.00	0.00	5,542.49	532.47	-143.97	551.59	0.00	0.00	0.00
5,700.00	0.00	0.00	5,642.49	532.47	-143.97	551.59	0.00	0.00	0.00
5,800.00	0.00	0.00	5,742.49	532.47	-143.97	551.59	0.00	0.00	0.00
5,900.00	0.00	0.00	5,842.49	532.47	-143.97	551.59	0.00	0.00	0.00
6,000.00	0.00	0.00	5,942.49	532.47	-143.97	551.59	0.00	0.00	0.00
6,100.00	0.00	0.00	6,042.49	532.47	-143.97	551.59	0.00	0.00	0.00
6,200.00	0.00	0.00	6,142.49	532.47	-143.97	551.59	0.00	0.00	0.00
6,300.00	0.00	0.00	6,242.49	532.47	-143.97	551.59	0.00	0.00	0.00

RECEIVED April 01, 2010

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Company:	ANADARKO PETROLEUM CORP.	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Project:	UINTAH COUNTY, UTAH (nad 27)	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site:	NBU 921-26J Pad	**North Reference:**	True
Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	NBU 921-26J3AS		
Design:	PLAN #1 1-6-10 RHS		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
6,400.00	0.00	0.00	6,342.49	532.47	-143.97	551.59	0.00	0.00	0.00
6,500.00	0.00	0.00	6,442.49	532.47	-143.97	551.59	0.00	0.00	0.00
6,600.00	0.00	0.00	6,542.49	532.47	-143.97	551.59	0.00	0.00	0.00
6,700.00	0.00	0.00	6,642.49	532.47	-143.97	551.59	0.00	0.00	0.00
6,800.00	0.00	0.00	6,742.49	532.47	-143.97	551.59	0.00	0.00	0.00
6,900.00	0.00	0.00	6,842.49	532.47	-143.97	551.59	0.00	0.00	0.00
7,000.00	0.00	0.00	6,942.49	532.47	-143.97	551.59	0.00	0.00	0.00
7,100.00	0.00	0.00	7,042.49	532.47	-143.97	551.59	0.00	0.00	0.00
7,200.00	0.00	0.00	7,142.49	532.47	-143.97	551.59	0.00	0.00	0.00
7,300.00	0.00	0.00	7,242.49	532.47	-143.97	551.59	0.00	0.00	0.00
7,400.00	0.00	0.00	7,342.49	532.47	-143.97	551.59	0.00	0.00	0.00
7,500.00	0.00	0.00	7,442.49	532.47	-143.97	551.59	0.00	0.00	0.00
7,600.00	0.00	0.00	7,542.49	532.47	-143.97	551.59	0.00	0.00	0.00
7,700.00	0.00	0.00	7,642.49	532.47	-143.97	551.59	0.00	0.00	0.00
7,800.00	0.00	0.00	7,742.49	532.47	-143.97	551.59	0.00	0.00	0.00
7,900.00	0.00	0.00	7,842.49	532.47	-143.97	551.59	0.00	0.00	0.00
8,000.00	0.00	0.00	7,942.49	532.47	-143.97	551.59	0.00	0.00	0.00
8,100.00	0.00	0.00	8,042.49	532.47	-143.97	551.59	0.00	0.00	0.00
8,200.00	0.00	0.00	8,142.49	532.47	-143.97	551.59	0.00	0.00	0.00
8,300.00	0.00	0.00	8,242.49	532.47	-143.97	551.59	0.00	0.00	0.00
8,400.00	0.00	0.00	8,342.49	532.47	-143.97	551.59	0.00	0.00	0.00
8,500.00	0.00	0.00	8,442.49	532.47	-143.97	551.59	0.00	0.00	0.00
8,600.00	0.00	0.00	8,542.49	532.47	-143.97	551.59	0.00	0.00	0.00
8,700.00	0.00	0.00	8,642.49	532.47	-143.97	551.59	0.00	0.00	0.00
8,800.00	0.00	0.00	8,742.49	532.47	-143.97	551.59	0.00	0.00	0.00
8,900.00	0.00	0.00	8,842.49	532.47	-143.97	551.59	0.00	0.00	0.00
9,000.00	0.00	0.00	8,942.49	532.47	-143.97	551.59	0.00	0.00	0.00
MESAVERDE									
9,054.51	0.00	0.00	8,997.00	532.47	-143.97	551.59	0.00	0.00	0.00
9,100.00	0.00	0.00	9,042.49	532.47	-143.97	551.59	0.00	0.00	0.00
9,200.00	0.00	0.00	9,142.49	532.47	-143.97	551.59	0.00	0.00	0.00
9,300.00	0.00	0.00	9,242.49	532.47	-143.97	551.59	0.00	0.00	0.00
9,400.00	0.00	0.00	9,342.49	532.47	-143.97	551.59	0.00	0.00	0.00
9,500.00	0.00	0.00	9,442.49	532.47	-143.97	551.59	0.00	0.00	0.00
9,600.00	0.00	0.00	9,542.49	532.47	-143.97	551.59	0.00	0.00	0.00
9,700.00	0.00	0.00	9,642.49	532.47	-143.97	551.59	0.00	0.00	0.00
9,800.00	0.00	0.00	9,742.49	532.47	-143.97	551.59	0.00	0.00	0.00
9,900.00	0.00	0.00	9,842.49	532.47	-143.97	551.59	0.00	0.00	0.00
10,000.00	0.00	0.00	9,942.49	532.47	-143.97	551.59	0.00	0.00	0.00
10,100.00	0.00	0.00	10,042.49	532.47	-143.97	551.59	0.00	0.00	0.00
10,200.00	0.00	0.00	10,142.49	532.47	-143.97	551.59	0.00	0.00	0.00
10,300.00	0.00	0.00	10,242.49	532.47	-143.97	551.59	0.00	0.00	0.00
10,400.00	0.00	0.00	10,342.49	532.47	-143.97	551.59	0.00	0.00	0.00
10,500.00	0.00	0.00	10,442.49	532.47	-143.97	551.59	0.00	0.00	0.00
10,600.00	0.00	0.00	10,542.49	532.47	-143.97	551.59	0.00	0.00	0.00
10,700.00	0.00	0.00	10,642.49	532.47	-143.97	551.59	0.00	0.00	0.00
TD at 10797.51 - PBHL_NBU 921-26J3AS(1969 FSL 1985 FEL)									
10,797.51	0.00	0.00	10,740.00	532.47	-143.97	551.59	0.00	0.00	0.00

RECEIVED April 01, 2010

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Company:	ANADARKO PETROLEUM CORP.	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Project:	UINTAH COUNTY, UTAH (nad 27)	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site:	NBU 921-26J Pad	**North Reference:**	True
Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	NBU 921-26J3AS		
Design:	PLAN #1 1-6-10 RHS		

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
PBHL_NBU 921-26J3 - plan hits target center - Circle (radius 25.00)	0.00	0.00	10,740.00	532.47	-143.97	14,531,398.63	2,056,030.35	40° 0' 18.720 N	109° 30' 57.208 W

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (in)	Hole Diameter (in)
2,442.20	2,394.87	8 5/8"	8.62	11.00

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
4,839.51	4,782.00	WASATCH			
9,054.51	8,997.00	MESAVERDE			

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
2,437.00	2,389.80	416.91	-114.76	Start 105.20 hold at 2437.00 MD
2,542.20	2,492.45	439.05	-121.02	Start DLS 3.00 TFO 40.72
2,566.00	2,515.65	444.19	-122.37	Start 20.42 hold at 2566.00 MD
2,586.42	2,535.53	448.71	-123.48	Start Drop -1.75
3,339.51	3,282.00	532.47	-143.97	Start 7458.00 hold at 3339.51 MD
10,797.51	10,740.00	532.47	-143.97	TD at 10797.51

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ANADARKO PETROLEUM CORP.

UINTAH COUNTY, UTAH (nad 27)
NBU 921-26J Pad
NBU 921-26J3AS

NBU 921-26J3AS
PLAN #1 1-6-10 RHS

Anticollision Report

29 March, 2010

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Reference PLAN #1 1-6-10 RHS

Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	Stations	**Error Model:**	ISCWSA
Depth Range:	0.00 to 20,000.00ft	**Scan Method:**	Closest Approach 3D
Results Limited by:	Maximum center-center distance of 10,000.00ft	**Error Surface:**	Elliptical Conic
Warning Levels Evaluated at:	2.00 **Sigma**		

Survey Tool Program **Date** 3/26/2010

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
169.00	2,437.00	SDI MWD SURVEY (NBU 921-26J3AS)	MWD	MWD - Standard
2,437.00	10,797.51	PLAN #1 1-6-10 RHS (NBU 921-26J3AS)	MWD	MWD - Standard

Summary

Site Name Offset Well - Wellbore - Design	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
NBU 921-26J Pad						
NBU 154 EXISTING - NBU 154 EXISTING - NBU 154 E>	804.60	775.56	88.36	84.92	25.712	CC
NBU 154 EXISTING - NBU 154 EXISTING - NBU 154 E>	818.00	788.64	88.41	84.89	25.098	ES
NBU 154 EXISTING - NBU 154 EXISTING - NBU 154 E>	6,300.00	6,150.00	613.00	582.45	20.065	SF
NBU 921-26I3DS - NBU 921-26I3DS - NBU 921-26I3DS	0.00	0.00	29.99			
NBU 921-26I3DS - NBU 921-26I3DS - NBU 921-26I3DS	228.00	227.96	30.48	29.87	50.498	ES
NBU 921-26I3DS - NBU 921-26I3DS - NBU 921-26I3DS	517.00	513.75	46.78	44.84	24.083	SF
NBU 921-26I3DS - NBU 921-26I3DS - PLAN #1 1-6-10 F	0.00	0.00	29.99			
NBU 921-26I3DS - NBU 921-26I3DS - PLAN #1 1-6-10 F	228.00	227.96	30.48	29.87	50.498	ES
NBU 921-26I3DS - NBU 921-26I3DS - PLAN #1 1-6-10 F	9,900.00	9,858.66	1,178.78	1,123.00	21.132	SF
NBU 921-26J3DS - NBU 921-26J3DS - NBU 921-26J3DS	451.31	450.67	40.06	38.46	24.965	CC
NBU 921-26J3DS - NBU 921-26J3DS - NBU 921-26J3DS	490.00	489.26	40.13	38.34	22.338	ES
NBU 921-26J3DS - NBU 921-26J3DS - NBU 921-26J3DS	848.00	845.02	50.76	46.98	13.409	SF
NBU 921-26J3DS - NBU 921-26J3DS - PLAN #1 1-6-10	451.31	450.67	40.06	38.46	24.965	CC
NBU 921-26J3DS - NBU 921-26J3DS - PLAN #1 1-6-10	490.00	489.26	40.13	38.34	22.338	ES
NBU 921-26J3DS - NBU 921-26J3DS - PLAN #1 1-6-10	9,800.00	9,751.75	341.63	288.34	6.411	SF
NBU 921-26O1BS - NBU 921-26O1BS - NBU 921-26O1E	0.00	0.00	10.08			
NBU 921-26O1BS - NBU 921-26O1BS - NBU 921-26O1E	371.00	370.56	12.74	11.50	10.260	SF
NBU 921-26O1BS - NBU 921-26O1BS - PLAN #1 1-6-10	0.00	0.00	10.08			
NBU 921-26O1BS - NBU 921-26O1BS - PLAN #1 1-6-10	371.00	370.56	12.74	11.50	10.260	SF
NBU 921-26O2CS - NBU 921-26O2CS - NBU 921-26O2	506.68	506.55	29.09	27.21	15.451	CC
NBU 921-26O2CS - NBU 921-26O2CS - NBU 921-26O2	517.00	516.85	29.10	27.17	15.057	ES
NBU 921-26O2CS - NBU 921-26O2CS - NBU 921-26O2	668.00	667.05	33.38	30.75	12.692	SF
NBU 921-26O2CS - NBU 921-26O2CS - PLAN #1 1-6-1	506.68	506.55	29.09	27.21	15.451	CC
NBU 921-26O2CS - NBU 921-26O2CS - PLAN #1 1-6-1	517.00	516.85	29.10	27.17	15.057	ES
NBU 921-26O2CS - NBU 921-26O2CS - PLAN #1 1-6-1	668.00	667.05	33.38	30.75	12.692	SF
NBU 921-26O2DS - NBU 921-26O2DS - NBU 921-26O2	281.87	281.92	9.75	8.89	11.321	CC
NBU 921-26O2DS - NBU 921-26O2DS - NBU 921-26O2	285.00	285.05	9.75	8.88	11.146	ES
NBU 921-26O2DS - NBU 921-26O2DS - NBU 921-26O2	371.00	370.88	11.68	10.41	9.188	SF
NBU 921-26O2DS - NBU 921-26O2DS - PLAN #1 1-6-1	281.87	281.92	9.75	8.89	11.321	CC
NBU 921-26O2DS - NBU 921-26O2DS - PLAN #1 1-6-1	285.00	285.05	9.75	8.88	11.146	ES
NBU 921-26O2DS - NBU 921-26O2DS - PLAN #1 1-6-1	371.00	370.88	11.68	10.41	9.188	SF
NBU 921-26O3BS - NBU 921-26O3BS - NBU 921-26O3E	0.00	0.00	19.89			
NBU 921-26O3BS - NBU 921-26O3BS - NBU 921-26O3E	517.00	515.57	27.60	25.68	14.383	SF
NBU 921-26O3BS - NBU 921-26O3BS - PLAN #1 1-6-10	0.00	0.00	19.89			
NBU 921-26O3BS - NBU 921-26O3BS - PLAN #1 1-6-10	517.00	515.57	27.60	25.68	14.383	SF
NBU 921-26P4BS - NBU 921-26P4BS - NBU 921-26P4B	0.00	0.00	19.90			

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

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Weatherford International Ltd.

Anticollision Report

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Summary

Site Name Offset Well - Wellbore - Design	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
NBU 921-26J Pad						
NBU 921-26P4BS - NBU 921-26P4BS - NBU 921-26P4B	285.00	285.02	20.17	19.33	23.985	ES
NBU 921-26P4BS - NBU 921-26P4BS - NBU 921-26P4B	430.00	429.28	24.49	23.00	16.408	SF
NBU 921-26P4BS - NBU 921-26P4BS - PLAN #1 1-6-10	0.00	0.00	19.90			
NBU 921-26P4BS - NBU 921-26P4BS - PLAN #1 1-6-10	285.00	285.02	20.17	19.33	23.985	ES
NBU 921-26P4BS - NBU 921-26P4BS - PLAN #1 1-6-10	430.00	429.28	24.49	23.00	16.408	SF

Offset Design

NBU 921-26J Pad - NBU 154 EXISTING - NBU 154 EXISTING - NBU 154 EXISTING

Survey Program: 100-NS-GYRO-MS

Offset Site Error: 0.00 ft

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	-72.31	33.51	-105.04	113.28				
169.00	169.00	143.01	143.01	0.16	0.20	-33.67	33.16	-105.14	109.97	109.61	0.36	307.141	
199.00	199.00	173.00	173.00	0.23	0.24	-44.30	33.10	-105.15	109.84	109.37	0.47	233.548	
228.00	228.00	202.01	202.01	0.29	0.29	-43.40	33.09	-105.16	109.66	109.08	0.58	189.354	
256.00	256.00	230.24	230.24	0.36	0.33	-60.15	33.10	-105.12	109.40	108.71	0.69	159.655	
285.00	284.99	259.47	259.46	0.42	0.38	-66.78	33.13	-105.01	109.02	108.23	0.80	137.108	
313.00	312.97	287.68	287.68	0.49	0.42	-58.73	33.18	-104.83	108.45	107.55	0.90	120.129	
342.00	341.95	316.85	316.85	0.56	0.48	-58.02	33.24	-104.59	107.60	106.58	1.02	105.007	
371.00	370.90	345.97	345.97	0.63	0.54	-55.80	33.24	-104.31	106.43	105.27	1.16	92.091	
401.00	400.82	376.05	376.05	0.70	0.60	-59.86	33.18	-103.99	104.94	103.65	1.29	81.290	
430.00	429.72	405.05	405.04	0.77	0.66	-60.63	33.06	-103.65	103.37	101.94	1.42	72.593	
461.00	460.59	435.78	435.77	0.85	0.73	-62.95	32.88	-103.30	101.64	100.07	1.57	64.749	
490.00	489.45	464.51	464.49	0.92	0.80	-64.36	32.65	-103.02	100.08	98.37	1.71	58.598	
517.00	516.33	491.24	491.23	0.99	0.86	-65.84	32.40	-102.80	98.71	96.88	1.84	53.706	
547.00	546.19	521.03	521.01	1.06	0.93	-69.90	32.07	-102.59	97.37	95.39	1.98	49.216	
578.00	577.04	551.82	551.80	1.14	1.00	-72.16	31.73	-102.37	96.10	93.98	2.13	45.181	
608.00	606.85	581.58	581.55	1.22	1.07	-73.17	31.40	-102.16	94.87	92.59	2.28	41.600	
638.00	636.63	611.35	611.33	1.31	1.14	-73.46	31.07	-101.95	93.59	91.15	2.44	38.376	
668.00	666.35	641.16	641.13	1.40	1.21	-74.78	30.72	-101.71	92.24	89.63	2.60	35.418	
698.00	696.01	670.88	670.85	1.50	1.28	-79.12	30.36	-101.43	90.95	88.17	2.78	32.768	
728.00	725.60	700.51	700.47	1.60	1.36	-81.26	29.99	-101.10	89.80	86.84	2.95	30.411	
758.00	755.10	729.97	729.93	1.71	1.43	-86.30	29.61	-100.75	88.91	85.77	3.14	28.330	
788.00	784.51	759.34	759.30	1.82	1.51	-90.01	29.26	-100.38	88.43	85.11	3.33	26.566	
804.60	800.75	775.56	775.51	1.89	1.55	-92.36	29.06	-100.18	88.36	84.92	3.44	25.712	CC
818.00	813.85	788.64	788.59	1.94	1.58	-94.29	28.91	-100.00	88.41	84.89	3.52	25.098	ES
848.00	843.14	817.77	817.71	2.07	1.66	-100.16	28.59	-99.63	89.02	85.30	3.71	23.964	
878.00	872.36	846.76	846.71	2.19	1.73	-106.58	28.27	-99.29	90.47	86.57	3.90	23.186	
968.00	959.83	933.91	933.85	2.59	1.95	-119.35	27.35	-98.54	98.89	94.45	4.44	22.277	
1,058.00	1,047.08	1,021.32	1,021.24	3.01	2.18	-127.68	26.64	-97.63	111.30	106.37	4.93	22.559	
1,148.00	1,134.31	1,108.21	1,108.12	3.40	2.41	-135.51	25.81	-96.24	126.23	120.87	5.36	23.546	
1,238.00	1,221.68	1,193.93	1,193.82	3.79	2.63	-141.03	24.51	-94.98	143.26	137.50	5.76	24.876	
1,328.00	1,308.97	1,280.17	1,280.04	4.21	2.85	-146.53	22.74	-94.00	162.55	156.38	6.17	26.338	
1,418.00	1,396.43	1,366.45	1,366.28	4.62	3.07	-150.12	20.65	-92.94	182.56	175.98	6.58	27.728	
1,508.00	1,484.27	1,452.99	1,452.79	4.98	3.29	-155.66	18.23	-91.79	202.27	195.30	6.97	29.009	
1,598.00	1,572.12	1,539.05	1,538.79	5.36	3.51	-156.00	15.48	-90.54	222.80	215.42	7.38	30.191	
1,688.00	1,659.75	1,624.55	1,624.22	5.77	3.73	-154.90	12.20	-89.11	244.75	236.94	7.81	31.342	
1,778.00	1,747.24	1,711.17	1,710.75	6.20	3.96	-157.28	8.63	-87.26	267.66	259.42	8.24	32.493	
1,868.00	1,834.80	1,802.07	1,801.57	6.60	4.19	-163.23	5.66	-85.12	290.14	281.47	8.67	33.468	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

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Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 154 EXISTING - NBU 154 EXISTING - NBU 154 EXISTING

Offset Site Error: 0.00 ft

Survey Program: 100-NS-GYRO-MS

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
1,958.00	1,922.45	1,896.37	1,895.83	6.99	4.42	-167.63	4.41	-82.77	311.14	302.05	9.08	34.263	
2,048.00	2,009.98	1,986.63	1,986.05	7.41	4.62	-168.66	4.71	-80.12	331.42	321.95	9.47	34.981	
2,138.00	2,097.47	2,073.57	2,072.94	7.81	4.80	-170.70	5.35	-77.41	351.67	341.80	9.87	35.638	
2,228.00	2,185.32	2,158.34	2,157.69	8.19	4.99	-168.71	5.55	-75.29	370.89	360.59	10.30	36.012	
2,318.00	2,273.45	2,243.25	2,242.58	8.55	5.20	-167.64	4.91	-73.64	389.55	378.83	10.72	36.348	
2,408.00	2,361.49	2,329.61	2,328.92	8.93	5.42	-169.95	3.71	-72.70	409.22	398.08	11.14	36.730	
2,437.00	2,389.80	2,357.83	2,357.14	9.06	5.49	-169.78	3.29	-72.36	415.85	404.57	11.28	36.861	
2,500.00	2,451.28	2,418.98	2,418.28	9.34	5.65	-170.22	2.40	-71.43	430.41	418.81	11.60	37.105	
2,542.20	2,492.45	2,459.76	2,459.04	9.53	5.76	-170.50	1.79	-70.78	440.19	428.38	11.82	37.253	
2,565.99	2,515.65	2,482.72	2,482.00	9.64	5.82	-172.73	1.44	-70.43	445.85	433.93	11.92	37.398	
2,586.42	2,535.53	2,502.32	2,501.60	9.74	5.87	-172.83	1.14	-70.13	450.81	438.78	12.03	37.481	
2,600.00	2,548.76	2,515.02	2,514.30	9.80	5.90	-172.91	0.93	-69.94	454.10	442.00	12.10	37.525	
2,700.00	2,646.55	2,609.26	2,608.50	10.22	6.14	-173.35	-1.08	-68.91	477.05	464.43	12.63	37.779	
2,800.00	2,744.93	2,708.94	2,708.16	10.60	6.37	-173.63	-3.38	-68.66	497.12	483.99	13.14	37.842	
2,900.00	2,843.81	2,805.96	2,805.15	10.94	6.57	-173.77	-5.71	-69.00	514.24	500.62	13.61	37.778	
3,000.00	2,943.10	2,906.88	2,906.04	11.25	6.78	-173.86	-8.06	-69.46	528.26	514.19	14.08	37.520	
3,100.00	3,042.71	3,003.65	3,002.78	11.52	6.99	-173.92	-10.38	-69.72	539.38	524.85	14.53	37.117	
3,200.00	3,142.53	3,102.05	3,101.15	11.74	7.22	-173.95	-13.07	-69.80	547.82	532.83	14.98	36.560	
3,300.00	3,242.49	3,200.66	3,199.71	11.93	7.45	-173.95	-15.97	-69.79	553.46	538.04	15.42	35.897	
3,339.51	3,282.00	3,240.67	3,239.70	11.99	7.55	172.31	-17.17	-69.73	554.87	539.28	15.59	35.585	
3,400.00	3,342.49	3,301.95	3,300.96	12.08	7.70	172.31	-18.91	-69.51	556.60	540.73	15.88	35.058	
3,500.00	3,442.49	3,403.16	3,402.14	12.23	7.95	172.27	-21.55	-68.81	559.28	542.93	16.35	34.212	
3,600.00	3,542.49	3,501.76	3,500.70	12.39	8.20	172.24	-24.12	-68.08	561.96	545.14	16.82	33.406	
3,700.00	3,642.49	3,600.36	3,599.25	12.56	8.45	172.23	-26.98	-67.63	564.90	547.59	17.30	32.647	
3,800.00	3,742.49	3,701.56	3,700.41	12.73	8.71	172.24	-29.94	-67.30	567.84	550.05	17.79	31.915	
3,900.00	3,842.49	3,802.71	3,801.52	12.90	8.96	172.24	-32.67	-66.98	570.56	552.27	18.29	31.201	
4,000.00	3,942.49	3,901.44	3,900.22	13.08	9.21	172.25	-35.35	-66.66	573.29	554.51	18.78	30.526	
4,100.00	4,042.49	4,000.17	3,998.90	13.27	9.46	172.25	-38.24	-66.32	576.24	556.96	19.28	29.889	
4,200.00	4,142.49	4,104.32	4,103.02	13.46	9.73	172.24	-41.00	-65.84	578.93	559.12	19.80	29.236	
4,300.00	4,242.49	4,207.97	4,206.64	13.66	9.99	172.20	-42.97	-65.15	580.89	560.57	20.33	28.579	
4,400.00	4,342.49	4,305.50	4,304.16	13.86	10.24	172.18	-44.78	-64.72	582.80	561.97	20.83	27.979	
4,500.00	4,442.49	4,403.16	4,401.79	14.07	10.48	172.22	-47.09	-64.81	585.13	563.79	21.34	27.421	
4,600.00	4,542.49	4,505.52	4,504.12	14.27	10.73	172.28	-49.51	-65.06	587.44	565.58	21.86	26.878	
4,700.00	4,642.49	4,607.81	4,606.39	14.49	10.98	172.31	-51.49	-65.13	589.34	566.97	22.37	26.339	
4,800.00	4,742.49	4,709.07	4,707.64	14.70	11.24	172.32	-53.11	-65.04	590.95	568.04	22.90	25.800	
4,900.00	4,842.49	4,809.96	4,808.51	14.93	11.50	172.32	-54.50	-64.82	592.34	568.90	23.44	25.275	
5,000.00	4,942.49	4,907.49	4,906.04	15.15	11.75	172.30	-55.98	-64.44	593.90	569.93	23.97	24.779	
5,100.00	5,042.49	5,005.20	5,003.73	15.38	12.01	172.28	-57.85	-63.90	595.86	571.36	24.50	24.320	
5,200.00	5,142.49	5,106.42	5,104.93	15.61	12.27	172.25	-59.85	-63.34	597.90	572.86	25.04	23.873	
5,300.00	5,242.49	5,207.83	5,206.32	15.84	12.54	172.23	-61.67	-62.94	599.73	574.14	25.59	23.438	
5,400.00	5,342.49	5,311.50	5,309.98	16.08	12.76	172.25	-63.12	-62.88	601.12	575.02	26.10	23.031	
5,500.00	5,442.49	5,414.70	5,413.17	16.32	12.99	172.30	-63.99	-63.30	601.90	575.29	26.61	22.616	
5,600.00	5,542.49	5,515.08	5,513.55	16.56	13.22	172.34	-64.57	-63.66	602.42	575.30	27.12	22.210	
5,700.00	5,642.49	5,615.29	5,613.76	16.80	13.44	172.35	-65.04	-63.69	602.88	575.25	27.63	21.816	
5,800.00	5,742.49	5,714.52	5,712.98	17.05	13.65	172.38	-65.59	-63.95	603.40	575.26	28.14	21.445	
5,900.00	5,842.49	5,813.50	5,811.96	17.30	13.86	172.46	-66.34	-64.74	604.05	575.41	28.64	21.091	
6,000.00	5,942.49	5,911.04	5,909.49	17.55	14.06	172.56	-67.39	-65.62	605.00	575.87	29.13	20.770	
6,100.00	6,042.49	6,008.45	6,006.88	17.80	14.26	172.64	-68.82	-66.31	606.36	576.74	29.62	20.471	
6,200.00	6,142.49	6,104.49	6,102.91	18.06	14.49	172.71	-70.73	-66.81	608.27	578.13	30.15	20.177	
6,300.00	6,242.49	6,150.00	6,148.40	18.32	14.60	172.74	-71.85	-66.97	613.00	582.45	30.55	20.065	SF
6,400.00	6,342.49	6,150.00	6,148.40	18.58	14.60	172.74	-71.85	-66.97	631.97	601.12	30.85	20.488	
6,500.00	6,442.49	6,150.00	6,148.40	18.84	14.60	172.74	-71.85	-66.97	665.59	634.44	31.14	21.373	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 154 EXISTING - NBU 154 EXISTING - NBU 154 EXISTING

Offset Site Error: 0.00 ft

Survey Program: 100-NS-GYRO-MS

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
6,600.00	6,542.49	6,150.00	6,148.40	19.10	14.60	172.74	-71.85	-66.97	711.77	680.34	31.44	22.640	
6,700.00	6,642.49	6,150.00	6,148.40	19.37	14.60	172.74	-71.85	-66.97	768.27	736.54	31.74	24.208	
6,800.00	6,742.49	6,150.00	6,148.40	19.63	14.60	172.74	-71.85	-66.97	832.98	800.95	32.03	26.003	
6,900.00	6,842.49	6,150.00	6,148.40	19.90	14.60	172.74	-71.85	-66.97	904.14	871.81	32.33	27.964	
7,000.00	6,942.49	6,150.00	6,148.40	20.17	14.60	172.74	-71.85	-66.97	980.35	947.72	32.63	30.042	
7,100.00	7,042.49	6,150.00	6,148.40	20.44	14.60	172.74	-71.85	-66.97	1,060.52	1,027.59	32.93	32.203	
7,200.00	7,142.49	6,150.00	6,148.40	20.71	14.60	172.74	-71.85	-66.97	1,143.82	1,110.59	33.23	34.418	
7,300.00	7,242.49	6,150.00	6,148.40	20.98	14.60	172.74	-71.85	-66.97	1,229.61	1,196.08	33.53	36.667	
7,400.00	7,342.49	6,150.00	6,148.40	21.26	14.60	172.74	-71.85	-66.97	1,317.41	1,283.57	33.84	38.935	
7,500.00	7,442.49	6,150.00	6,148.40	21.53	14.60	172.74	-71.85	-66.97	1,406.83	1,372.70	34.14	41.209	
7,600.00	7,542.49	6,150.00	6,148.40	21.81	14.60	172.74	-71.85	-66.97	1,497.60	1,463.16	34.44	43.482	
7,700.00	7,642.49	6,150.00	6,148.40	22.09	14.60	172.74	-71.85	-66.97	1,589.47	1,554.73	34.74	45.747	
7,800.00	7,742.49	6,150.00	6,148.40	22.37	14.60	172.74	-71.85	-66.97	1,682.27	1,647.22	35.05	47.998	
7,900.00	7,842.49	6,150.00	6,148.40	22.65	14.60	172.74	-71.85	-66.97	1,775.85	1,740.50	35.35	50.233	
8,000.00	7,942.49	6,150.00	6,148.40	22.93	14.60	172.74	-71.85	-66.97	1,870.10	1,834.44	35.66	52.447	
8,100.00	8,042.49	6,150.00	6,148.40	23.21	14.60	172.74	-71.85	-66.97	1,964.91	1,928.95	35.96	54.639	
8,200.00	8,142.49	6,150.00	6,148.40	23.49	14.60	172.74	-71.85	-66.97	2,060.22	2,023.95	36.27	56.806	
8,300.00	8,242.49	6,150.00	6,148.40	23.78	14.60	172.74	-71.85	-66.97	2,155.95	2,119.38	36.57	58.949	
8,400.00	8,342.49	6,150.00	6,148.40	24.06	14.60	172.74	-71.85	-66.97	2,252.05	2,215.17	36.88	61.066	
8,500.00	8,442.49	6,150.00	6,148.40	24.35	14.60	172.74	-71.85	-66.97	2,348.48	2,311.30	37.19	63.156	
8,600.00	8,542.49	6,150.00	6,148.40	24.63	14.60	172.74	-71.85	-66.97	2,445.20	2,407.70	37.49	65.219	
8,700.00	8,642.49	6,150.00	6,148.40	24.92	14.60	172.74	-71.85	-66.97	2,542.16	2,504.36	37.80	67.255	
8,800.00	8,742.49	6,150.00	6,148.40	25.21	14.60	172.74	-71.85	-66.97	2,639.36	2,601.25	38.11	69.263	
8,900.00	8,842.49	6,150.00	6,148.40	25.50	14.60	172.74	-71.85	-66.97	2,736.76	2,698.34	38.41	71.244	
9,000.00	8,942.49	6,150.00	6,148.40	25.78	14.60	172.74	-71.85	-66.97	2,834.33	2,795.61	38.72	73.198	
9,100.00	9,042.49	6,150.00	6,148.40	26.07	14.60	172.74	-71.85	-66.97	2,932.08	2,893.05	39.03	75.125	
9,200.00	9,142.49	6,150.00	6,148.40	26.36	14.60	172.74	-71.85	-66.97	3,029.96	2,990.63	39.34	77.024	
9,300.00	9,242.49	6,150.00	6,148.40	26.66	14.60	172.74	-71.85	-66.97	3,127.99	3,088.34	39.65	78.898	
9,400.00	9,342.49	6,150.00	6,148.40	26.95	14.60	172.74	-71.85	-66.97	3,226.13	3,186.18	39.95	80.744	
9,500.00	9,442.49	6,150.00	6,148.40	27.24	14.60	172.74	-71.85	-66.97	3,324.39	3,284.12	40.26	82.565	
9,600.00	9,542.49	6,150.00	6,148.40	27.53	14.60	172.74	-71.85	-66.97	3,422.74	3,382.17	40.57	84.360	
9,700.00	9,642.49	6,150.00	6,148.40	27.83	14.60	172.74	-71.85	-66.97	3,521.19	3,480.31	40.88	86.129	
9,800.00	9,742.49	6,150.00	6,148.40	28.12	14.60	172.74	-71.85	-66.97	3,619.72	3,578.53	41.19	87.874	
9,900.00	9,842.49	6,150.00	6,148.40	28.41	14.60	172.74	-71.85	-66.97	3,718.33	3,676.83	41.50	89.594	
10,000.00	9,942.49	6,150.00	6,148.40	28.71	14.60	172.74	-71.85	-66.97	3,817.02	3,775.21	41.81	91.290	
10,100.00	10,042.49	6,150.00	6,148.40	29.00	14.60	172.74	-71.85	-66.97	3,915.77	3,873.65	42.12	92.963	
10,200.00	10,142.49	6,150.00	6,148.40	29.30	14.60	172.74	-71.85	-66.97	4,014.58	3,972.15	42.43	94.611	
10,300.00	10,242.49	6,150.00	6,148.40	29.60	14.60	172.74	-71.85	-66.97	4,113.45	4,070.71	42.74	96.237	
10,400.00	10,342.49	6,150.00	6,148.40	29.89	14.60	172.74	-71.85	-66.97	4,212.37	4,169.32	43.05	97.841	
10,500.00	10,442.49	6,150.00	6,148.40	30.19	14.60	172.74	-71.85	-66.97	4,311.35	4,267.98	43.36	99.422	
10,600.00	10,542.49	6,150.00	6,148.40	30.49	14.60	172.74	-71.85	-66.97	4,410.37	4,366.69	43.68	100.981	
10,700.00	10,642.49	6,150.00	6,148.40	30.79	14.60	172.74	-71.85	-66.97	4,509.43	4,465.44	43.99	102.519	
10,797.51	10,740.00	6,150.00	6,148.40	31.08	14.60	172.74	-71.85	-66.97	4,606.06	4,561.77	44.29	103.998	

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26I3DS - NBU 921-26I3DS - NBU 921-26I3DS

Offset Site Error: 0.00 ft

Survey Program: 144-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	87.91	1.09	29.97	29.99				
169.00	169.00	168.96	168.96	0.16	0.19	125.82	1.89	30.03	30.28	29.93	0.35	86.924	
199.00	199.00	199.03	199.03	0.23	0.25	115.06	2.15	30.03	30.37	29.89	0.48	63.337	
228.00	228.00	227.96	227.96	0.29	0.31	115.99	2.42	30.01	30.48	29.87	0.60	50.498	ES
256.00	256.00	255.77	255.76	0.36	0.37	99.55	2.70	30.11	30.70	29.97	0.72	42.406	
285.00	284.99	284.47	284.46	0.42	0.43	93.62	3.14	30.43	31.11	30.26	0.85	36.549	
313.00	312.97	312.22	312.20	0.49	0.49	102.88	3.58	31.00	31.84	30.86	0.98	32.560	
342.00	341.95	340.96	340.92	0.56	0.56	105.27	4.06	31.78	32.93	31.82	1.11	29.658	
371.00	370.90	369.70	369.64	0.63	0.62	109.95	4.57	32.77	34.44	33.19	1.25	27.615	
401.00	400.82	399.42	399.33	0.70	0.69	109.33	5.06	33.94	36.33	34.95	1.39	26.214	
430.00	429.72	428.02	427.91	0.77	0.75	112.27	5.54	35.23	38.47	36.94	1.52	25.236	
461.00	460.59	458.58	458.41	0.85	0.82	114.23	5.95	36.85	41.17	39.50	1.67	24.606	
490.00	489.45	487.17	486.96	0.92	0.89	116.82	6.28	38.49	43.95	42.14	1.81	24.242	
517.00	516.33	513.75	513.49	0.99	0.95	118.91	6.56	40.16	46.78	44.84	1.94	24.083	SF
547.00	546.19	543.35	543.02	1.06	1.02	118.75	6.71	42.09	50.02	47.94	2.07	24.107	
578.00	577.04	573.91	573.50	1.14	1.09	120.72	6.64	44.16	53.59	51.38	2.22	24.189	
608.00	606.85	603.72	603.26	1.22	1.15	124.21	6.45	46.13	57.33	54.98	2.36	24.324	
638.00	636.63	633.49	632.96	1.31	1.22	128.59	6.21	47.98	61.34	58.84	2.50	24.563	
668.00	666.35	663.17	662.59	1.40	1.28	132.24	5.83	49.73	65.72	63.08	2.64	24.896	
698.00	696.01	692.96	692.33	1.50	1.34	133.18	5.50	51.38	70.43	67.64	2.78	25.302	
728.00	725.60	722.59	721.92	1.60	1.41	136.68	5.26	52.96	75.49	72.57	2.93	25.770	
758.00	755.10	752.13	751.42	1.71	1.47	137.48	5.06	54.47	80.92	77.84	3.08	26.312	
788.00	784.51	781.37	780.62	1.82	1.54	139.84	4.95	55.95	86.71	83.49	3.22	26.889	
818.00	813.85	810.20	809.41	1.94	1.60	141.71	4.79	57.48	92.98	89.61	3.38	27.546	
848.00	843.14	839.14	838.30	2.07	1.67	141.93	4.58	59.08	99.58	96.06	3.53	28.241	
878.00	872.36	868.07	867.19	2.19	1.74	141.50	4.35	60.71	106.41	102.73	3.68	28.947	
968.00	959.83	955.66	954.64	2.59	1.94	145.50	3.87	65.59	127.58	123.46	4.12	30.964	
1,058.00	1,047.08	1,043.27	1,042.15	3.01	2.14	151.13	3.66	69.84	149.68	145.12	4.56	32.831	
1,148.00	1,134.31	1,129.54	1,128.32	3.40	2.33	154.53	3.45	74.07	172.47	167.50	4.98	34.666	
1,238.00	1,221.68	1,216.06	1,214.72	3.79	2.53	157.39	3.07	78.55	195.46	190.07	5.39	36.263	
1,328.00	1,308.97	1,303.15	1,301.69	4.21	2.73	158.45	2.73	82.99	218.84	213.02	5.82	37.596	
1,418.00	1,396.43	1,389.43	1,387.87	4.62	2.92	160.38	2.16	87.23	241.78	235.54	6.24	38.728	
1,508.00	1,484.27	1,476.60	1,474.91	4.98	3.12	158.82	1.56	91.83	263.36	256.69	6.66	39.534	
1,598.00	1,572.12	1,565.80	1,563.97	5.36	3.33	161.42	1.66	96.96	284.59	277.50	7.09	40.136	
1,688.00	1,659.75	1,652.96	1,650.96	5.77	3.53	165.13	2.28	102.27	306.77	299.24	7.53	40.753	
1,778.00	1,747.24	1,738.59	1,736.44	6.20	3.73	165.22	2.52	107.32	329.92	321.95	7.97	41.412	
1,868.00	1,834.80	1,825.73	1,823.45	6.60	3.93	161.68	2.30	112.07	352.78	344.37	8.41	41.946	
1,958.00	1,922.45	1,915.68	1,913.28	6.99	4.13	159.24	2.36	116.77	374.58	365.73	8.85	42.344	
2,048.00	2,009.98	2,004.00	2,001.48	7.41	4.33	159.88	2.98	121.39	396.25	386.96	9.29	42.668	
2,138.00	2,097.47	2,087.73	2,085.09	7.81	4.52	159.38	3.36	125.91	418.30	408.58	9.73	43.005	
2,228.00	2,185.32	2,175.31	2,172.54	8.19	4.72	162.77	3.25	130.61	439.47	429.31	10.16	43.251	
2,318.00	2,273.45	2,264.78	2,261.90	8.55	4.92	164.83	3.07	134.92	459.40	448.83	10.58	43.439	
2,408.00	2,361.49	2,351.33	2,348.36	8.93	5.11	163.31	2.80	138.74	479.70	468.70	10.99	43.636	
2,437.00	2,389.80	2,367.00	2,364.02	9.06	5.15	163.69	2.73	139.45	486.66	475.55	11.10	43.836	
2,500.00	2,451.28	2,367.00	2,364.02	9.34	5.15	163.69	2.73	139.45	506.81	495.53	11.28	44.921	
2,542.20	2,492.45	2,367.00	2,364.02	9.53	5.15	163.69	2.73	139.45	524.13	512.72	11.41	45.953	
2,565.99	2,515.65	2,367.00	2,364.02	9.64	5.15	161.38	2.73	139.45	535.19	523.70	11.48	46.613	
2,586.42	2,535.53	2,367.00	2,364.02	9.74	5.15	161.38	2.73	139.45	545.38	533.84	11.54	47.244	
2,600.00	2,548.76	2,367.00	2,364.02	9.80	5.15	161.43	2.73	139.45	552.46	540.87	11.59	47.681	
2,700.00	2,646.55	2,367.00	2,364.02	10.22	5.15	161.82	2.73	139.45	610.08	598.20	11.88	51.355	
2,800.00	2,744.93	2,367.00	2,364.02	10.60	5.15	162.29	2.73	139.45	675.57	663.41	12.15	55.580	
2,900.00	2,843.81	2,367.00	2,364.02	10.94	5.15	162.82	2.73	139.45	746.82	734.41	12.41	60.175	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26I3DS - NBU 921-26I3DS - NBU 921-26I3DS

Offset Site Error: 0.00 ft

Survey Program: 144-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
3,000.00	2,943.10	2,367.00	2,364.02	11.25	5.15	163.40	2.73	139.45	822.27	809.62	12.65	65.019	
3,100.00	3,042.71	2,367.00	2,364.02	11.52	5.15	164.03	2.73	139.45	900.80	887.94	12.86	70.035	
3,200.00	3,142.53	2,367.00	2,364.02	11.74	5.15	164.68	2.73	139.45	981.62	968.56	13.06	75.172	
3,300.00	3,242.49	2,367.00	2,364.02	11.93	5.15	165.34	2.73	139.45	1,064.14	1,050.90	13.24	80.398	
3,339.51	3,282.00	2,367.00	2,364.02	11.99	5.15	151.85	2.73	139.45	1,097.10	1,083.80	13.30	82.482	
3,400.00	3,342.49	2,367.00	2,364.02	12.08	5.15	151.85	2.73	139.45	1,148.20	1,134.77	13.43	85.490	
3,500.00	3,442.49	2,367.00	2,364.02	12.23	5.15	151.85	2.73	139.45	1,234.52	1,220.88	13.65	90.462	
3,600.00	3,542.49	2,367.00	2,364.02	12.39	5.15	151.85	2.73	139.45	1,322.78	1,308.91	13.87	95.375	
3,700.00	3,642.49	2,367.00	2,364.02	12.56	5.15	151.85	2.73	139.45	1,412.60	1,398.50	14.10	100.204	
3,800.00	3,742.49	2,367.00	2,364.02	12.73	5.15	151.85	2.73	139.45	1,503.71	1,489.38	14.33	104.929	
3,900.00	3,842.49	2,367.00	2,364.02	12.90	5.15	151.85	2.73	139.45	1,595.88	1,581.31	14.57	109.540	
4,000.00	3,942.49	2,367.00	2,364.02	13.08	5.15	151.85	2.73	139.45	1,688.94	1,674.13	14.81	114.027	
4,100.00	4,042.49	2,367.00	2,364.02	13.27	5.15	151.85	2.73	139.45	1,782.76	1,767.70	15.06	118.386	
4,200.00	4,142.49	2,367.00	2,364.02	13.46	5.15	151.85	2.73	139.45	1,877.21	1,861.90	15.31	122.614	
4,300.00	4,242.49	2,367.00	2,364.02	13.66	5.15	151.85	2.73	139.45	1,972.21	1,956.64	15.56	126.712	
4,400.00	4,342.49	2,367.00	2,364.02	13.86	5.15	151.85	2.73	139.45	2,067.68	2,051.86	15.82	130.680	
4,500.00	4,442.49	2,367.00	2,364.02	14.07	5.15	151.85	2.73	139.45	2,163.56	2,147.48	16.08	134.520	
4,600.00	4,542.49	2,367.00	2,364.02	14.27	5.15	151.85	2.73	139.45	2,259.80	2,243.45	16.35	138.235	
4,700.00	4,642.49	2,367.00	2,364.02	14.49	5.15	151.85	2.73	139.45	2,356.35	2,339.73	16.61	141.827	
4,800.00	4,742.49	2,367.00	2,364.02	14.70	5.15	151.85	2.73	139.45	2,453.18	2,436.29	16.88	145.300	
4,900.00	4,842.49	2,367.00	2,364.02	14.93	5.15	151.85	2.73	139.45	2,550.25	2,533.09	17.16	148.657	
5,000.00	4,942.49	2,367.00	2,364.02	15.15	5.15	151.85	2.73	139.45	2,647.54	2,630.11	17.43	151.904	
5,100.00	5,042.49	2,367.00	2,364.02	15.38	5.15	151.85	2.73	139.45	2,745.02	2,727.32	17.70	155.043	
5,200.00	5,142.49	2,367.00	2,364.02	15.61	5.15	151.85	2.73	139.45	2,842.68	2,824.70	17.98	158.078	
5,300.00	5,242.49	2,367.00	2,364.02	15.84	5.15	151.85	2.73	139.45	2,940.50	2,922.24	18.26	161.013	
5,400.00	5,342.49	2,367.00	2,364.02	16.08	5.15	151.85	2.73	139.45	3,038.46	3,019.92	18.54	163.853	
5,500.00	5,442.49	2,367.00	2,364.02	16.32	5.15	151.85	2.73	139.45	3,136.55	3,117.72	18.83	166.601	
5,600.00	5,542.49	2,367.00	2,364.02	16.56	5.15	151.85	2.73	139.45	3,234.75	3,215.64	19.11	169.260	
5,700.00	5,642.49	2,367.00	2,364.02	16.80	5.15	151.85	2.73	139.45	3,333.07	3,313.67	19.40	171.834	
5,800.00	5,742.49	2,367.00	2,364.02	17.05	5.15	151.85	2.73	139.45	3,431.47	3,411.79	19.68	174.326	
5,900.00	5,842.49	2,367.00	2,364.02	17.30	5.15	151.85	2.73	139.45	3,529.97	3,510.00	19.97	176.741	
6,000.00	5,942.49	2,367.00	2,364.02	17.55	5.15	151.85	2.73	139.45	3,628.55	3,608.29	20.26	179.080	
6,100.00	6,042.49	2,367.00	2,364.02	17.80	5.15	151.85	2.73	139.45	3,727.21	3,706.66	20.55	181.347	
6,200.00	6,142.49	2,367.00	2,364.02	18.06	5.15	151.85	2.73	139.45	3,825.94	3,805.09	20.84	183.545	
6,300.00	6,242.49	2,367.00	2,364.02	18.32	5.15	151.85	2.73	139.45	3,924.73	3,903.59	21.14	185.677	
6,400.00	6,342.49	2,367.00	2,364.02	18.58	5.15	151.85	2.73	139.45	4,023.58	4,002.15	21.43	187.745	
6,500.00	6,442.49	2,367.00	2,364.02	18.84	5.15	151.85	2.73	139.45	4,122.48	4,100.76	21.73	189.752	
6,600.00	6,542.49	2,367.00	2,364.02	19.10	5.15	151.85	2.73	139.45	4,221.44	4,199.42	22.02	191.700	
6,700.00	6,642.49	2,367.00	2,364.02	19.37	5.15	151.85	2.73	139.45	4,320.45	4,298.13	22.32	193.592	
6,800.00	6,742.49	2,367.00	2,364.02	19.63	5.15	151.85	2.73	139.45	4,419.50	4,396.88	22.61	195.430	
6,900.00	6,842.49	2,367.00	2,364.02	19.90	5.15	151.85	2.73	139.45	4,518.59	4,495.68	22.91	197.215	
7,000.00	6,942.49	2,367.00	2,364.02	20.17	5.15	151.85	2.73	139.45	4,617.72	4,594.51	23.21	198.951	
7,100.00	7,042.49	2,367.00	2,364.02	20.44	5.15	151.85	2.73	139.45	4,716.89	4,693.38	23.51	200.639	
7,200.00	7,142.49	2,367.00	2,364.02	20.71	5.15	151.85	2.73	139.45	4,816.09	4,792.28	23.81	202.280	
7,300.00	7,242.49	2,367.00	2,364.02	20.98	5.15	151.85	2.73	139.45	4,915.33	4,891.22	24.11	203.877	
7,400.00	7,342.49	2,367.00	2,364.02	21.26	5.15	151.85	2.73	139.45	5,014.59	4,990.18	24.41	205.431	
7,500.00	7,442.49	2,367.00	2,364.02	21.53	5.15	151.85	2.73	139.45	5,113.89	5,089.17	24.71	206.944	
7,600.00	7,542.49	2,367.00	2,364.02	21.81	5.15	151.85	2.73	139.45	5,213.21	5,188.19	25.01	208.418	
7,700.00	7,642.49	2,367.00	2,364.02	22.09	5.15	151.85	2.73	139.45	5,312.55	5,287.24	25.32	209.853	
7,800.00	7,742.49	2,367.00	2,364.02	22.37	5.15	151.85	2.73	139.45	5,411.92	5,386.30	25.62	211.251	
7,900.00	7,842.49	2,367.00	2,364.02	22.65	5.15	151.85	2.73	139.45	5,511.32	5,485.39	25.92	212.614	
8,000.00	7,942.49	2,367.00	2,364.02	22.93	5.15	151.85	2.73	139.45	5,610.73	5,584.50	26.23	213.943	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

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Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26I3DS - NBU 921-26I3DS - NBU 921-26I3DS

Offset Site Error: 0.00 ft

Survey Program: 144-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
8,100.00	8,042.49	2,367.00	2,364.02	23.21	5.15	151.85	2.73	139.45	5,710.17	5,683.64	26.53	215.239	
8,200.00	8,142.49	2,367.00	2,364.02	23.49	5.15	151.85	2.73	139.45	5,809.62	5,782.79	26.83	216.503	
8,300.00	8,242.49	2,367.00	2,364.02	23.78	5.15	151.85	2.73	139.45	5,909.09	5,881.95	27.14	217.736	
8,400.00	8,342.49	2,367.00	2,364.02	24.06	5.15	151.85	2.73	139.45	6,008.58	5,981.14	27.44	218.939	
8,500.00	8,442.49	2,367.00	2,364.02	24.35	5.15	151.85	2.73	139.45	6,108.09	6,080.34	27.75	220.114	
8,600.00	8,542.49	2,367.00	2,364.02	24.63	5.15	151.85	2.73	139.45	6,207.61	6,179.56	28.06	221.261	
8,700.00	8,642.49	2,367.00	2,364.02	24.92	5.15	151.85	2.73	139.45	6,307.15	6,278.79	28.36	222.382	
8,800.00	8,742.49	2,367.00	2,364.02	25.21	5.15	151.85	2.73	139.45	6,406.70	6,378.03	28.67	223.477	
8,900.00	8,842.49	2,367.00	2,364.02	25.50	5.15	151.85	2.73	139.45	6,506.27	6,477.29	28.98	224.546	
9,000.00	8,942.49	2,367.00	2,364.02	25.78	5.15	151.85	2.73	139.45	6,605.85	6,576.57	29.28	225.592	
9,100.00	9,042.49	2,367.00	2,364.02	26.07	5.15	151.85	2.73	139.45	6,705.44	6,675.85	29.59	226.614	
9,200.00	9,142.49	2,367.00	2,364.02	26.36	5.15	151.85	2.73	139.45	6,805.04	6,775.15	29.90	227.613	
9,300.00	9,242.49	2,367.00	2,364.02	26.66	5.15	151.85	2.73	139.45	6,904.66	6,874.45	30.21	228.591	
9,400.00	9,342.49	2,367.00	2,364.02	26.95	5.15	151.85	2.73	139.45	7,004.29	6,973.77	30.51	229.547	
9,500.00	9,442.49	2,367.00	2,364.02	27.24	5.15	151.85	2.73	139.45	7,103.92	7,073.10	30.82	230.483	
9,600.00	9,542.49	2,367.00	2,364.02	27.53	5.15	151.85	2.73	139.45	7,203.57	7,172.44	31.13	231.399	
9,700.00	9,642.49	2,367.00	2,364.02	27.83	5.15	151.85	2.73	139.45	7,303.22	7,271.79	31.44	232.296	
9,800.00	9,742.49	2,367.00	2,364.02	28.12	5.15	151.85	2.73	139.45	7,402.89	7,371.14	31.75	233.174	
9,900.00	9,842.49	2,367.00	2,364.02	28.41	5.15	151.85	2.73	139.45	7,502.57	7,470.51	32.06	234.034	
10,000.00	9,942.49	2,367.00	2,364.02	28.71	5.15	151.85	2.73	139.45	7,602.25	7,569.88	32.37	234.876	
10,100.00	10,042.49	2,367.00	2,364.02	29.00	5.15	151.85	2.73	139.45	7,701.94	7,669.26	32.68	235.701	
10,200.00	10,142.49	2,367.00	2,364.02	29.30	5.15	151.85	2.73	139.45	7,801.64	7,768.65	32.99	236.509	
10,300.00	10,242.49	2,367.00	2,364.02	29.60	5.15	151.85	2.73	139.45	7,901.35	7,868.05	33.30	237.302	
10,400.00	10,342.49	2,367.00	2,364.02	29.89	5.15	151.85	2.73	139.45	8,001.06	7,967.45	33.61	238.079	
10,500.00	10,442.49	2,367.00	2,364.02	30.19	5.15	151.85	2.73	139.45	8,100.78	8,066.86	33.92	238.840	
10,600.00	10,542.49	2,367.00	2,364.02	30.49	5.15	151.85	2.73	139.45	8,200.51	8,166.28	34.23	239.587	
10,700.00	10,642.49	2,367.00	2,364.02	30.79	5.15	151.85	2.73	139.45	8,300.24	8,265.70	34.54	240.320	
10,797.51	10,740.00	2,367.00	2,364.02	31.08	5.15	151.85	2.73	139.45	8,397.50	8,362.66	34.84	241.021	

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Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26I3DS - NBU 921-26I3DS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 144-MWD, 2367-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	87.91	1.09	29.97	29.99				
169.00	169.00	168.96	168.96	0.16	0.19	125.82	1.89	30.03	30.28	29.93	0.35	86.924	
199.00	199.00	199.03	199.03	0.23	0.25	115.06	2.15	30.03	30.37	29.89	0.48	63.337	
228.00	228.00	227.96	227.96	0.29	0.31	115.99	2.42	30.01	30.48	29.87	0.60	50.498	ES
256.00	256.00	255.77	255.76	0.36	0.37	99.55	2.70	30.11	30.70	29.97	0.72	42.406	
285.00	284.99	284.47	284.46	0.42	0.43	93.62	3.14	30.43	31.11	30.26	0.85	36.549	
313.00	312.97	312.22	312.20	0.49	0.49	102.88	3.58	31.00	31.84	30.86	0.98	32.560	
342.00	341.95	340.96	340.92	0.56	0.56	105.27	4.06	31.78	32.93	31.82	1.11	29.658	
371.00	370.90	369.70	369.64	0.63	0.62	109.95	4.57	32.77	34.44	33.19	1.25	27.615	
401.00	400.82	399.42	399.33	0.70	0.69	109.33	5.06	33.94	36.33	34.95	1.39	26.214	
430.00	429.72	428.02	427.91	0.77	0.75	112.27	5.54	35.23	38.47	36.94	1.52	25.236	
461.00	460.59	458.58	458.41	0.85	0.82	114.23	5.95	36.85	41.17	39.50	1.67	24.605	
490.00	489.45	487.17	486.96	0.92	0.89	116.82	6.28	38.49	43.95	42.14	1.81	24.242	
517.00	516.33	513.75	513.49	0.99	0.95	118.91	6.56	40.16	46.78	44.84	1.94	24.083	
547.00	546.19	543.35	543.02	1.06	1.02	118.75	6.71	42.09	50.02	47.94	2.07	24.107	
578.00	577.04	573.91	573.50	1.14	1.09	120.72	6.64	44.16	53.59	51.38	2.22	24.189	
608.00	606.85	603.72	603.26	1.22	1.15	124.21	6.45	46.13	57.33	54.98	2.36	24.324	
638.00	636.63	633.49	632.96	1.31	1.22	128.59	6.21	47.98	61.34	58.84	2.50	24.563	
668.00	666.35	663.17	662.59	1.40	1.28	132.24	5.83	49.73	65.72	63.08	2.64	24.896	
698.00	696.01	692.96	692.33	1.50	1.34	133.18	5.50	51.38	70.43	67.64	2.78	25.302	
728.00	725.60	722.59	721.92	1.60	1.41	136.68	5.26	52.96	75.49	72.57	2.93	25.770	
758.00	755.10	752.13	751.42	1.71	1.47	137.48	5.06	54.47	80.92	77.84	3.08	26.312	
788.00	784.51	781.37	780.62	1.82	1.54	139.84	4.95	55.95	86.71	83.49	3.22	26.889	
818.00	813.85	810.20	809.41	1.94	1.60	141.71	4.79	57.48	92.98	89.61	3.38	27.546	
848.00	843.14	839.14	838.30	2.07	1.67	141.93	4.58	59.08	99.58	96.06	3.53	28.241	
878.00	872.36	868.07	867.19	2.19	1.74	141.50	4.35	60.71	106.41	102.73	3.68	28.947	
968.00	959.83	955.66	954.64	2.59	1.94	145.50	3.87	65.59	127.58	123.46	4.12	30.964	
1,058.00	1,047.08	1,043.27	1,042.15	3.01	2.14	151.13	3.66	69.84	149.68	145.12	4.56	32.831	
1,148.00	1,134.31	1,129.54	1,128.32	3.40	2.33	154.53	3.45	74.07	172.47	167.50	4.98	34.666	
1,238.00	1,221.68	1,216.06	1,214.72	3.79	2.53	157.39	3.07	78.55	195.46	190.07	5.39	36.263	
1,328.00	1,308.97	1,303.15	1,301.69	4.21	2.73	158.45	2.73	82.99	218.84	213.02	5.82	37.596	
1,418.00	1,396.43	1,389.43	1,387.87	4.62	2.92	160.38	2.16	87.23	241.78	235.54	6.24	38.728	
1,508.00	1,484.27	1,476.60	1,474.91	4.98	3.12	158.82	1.56	91.83	263.36	256.69	6.66	39.534	
1,598.00	1,572.12	1,565.80	1,563.97	5.36	3.33	161.42	1.66	96.96	284.59	277.50	7.09	40.136	
1,688.00	1,659.75	1,652.96	1,650.96	5.77	3.53	165.13	2.28	102.27	306.77	299.24	7.53	40.753	
1,778.00	1,747.24	1,738.59	1,736.44	6.20	3.73	165.22	2.52	107.32	329.92	321.95	7.97	41.412	
1,868.00	1,834.80	1,825.73	1,823.45	6.60	3.93	161.68	2.30	112.07	352.78	344.37	8.41	41.946	
1,958.00	1,922.45	1,915.68	1,913.28	6.99	4.13	159.24	2.36	116.77	374.58	365.73	8.85	42.344	
2,048.00	2,009.98	2,004.00	2,001.48	7.41	4.33	159.88	2.98	121.39	396.25	386.96	9.29	42.668	
2,138.00	2,097.47	2,087.73	2,085.09	7.81	4.52	159.38	3.36	125.91	418.30	408.58	9.73	43.005	
2,228.00	2,185.32	2,175.31	2,172.54	8.19	4.72	162.77	3.25	130.61	439.47	429.31	10.16	43.251	
2,318.00	2,273.45	2,264.78	2,261.90	8.55	4.92	164.83	3.07	134.92	459.40	448.83	10.58	43.438	
2,408.00	2,361.49	2,351.33	2,348.36	8.93	5.11	163.31	2.80	138.74	479.70	468.70	10.99	43.636	
2,437.00	2,389.80	2,379.23	2,376.24	9.06	5.17	163.73	2.67	140.00	486.50	475.37	11.13	43.707	
2,500.00	2,451.28	2,440.41	2,437.36	9.34	5.32	163.91	2.38	142.77	501.47	490.02	11.45	43.811	
2,542.20	2,492.45	2,478.86	2,475.76	9.53	5.41	164.01	2.19	144.61	511.55	499.89	11.65	43.898	
2,565.99	2,515.65	2,500.00	2,496.86	9.64	5.46	161.90	2.09	145.89	517.46	505.69	11.77	43.962	
2,586.42	2,535.53	2,516.49	2,513.31	9.74	5.50	161.93	2.02	147.05	522.69	510.82	11.87	44.018	
2,600.00	2,548.76	2,528.01	2,524.80	9.80	5.54	161.96	1.97	147.94	526.20	514.25	11.95	44.043	
2,700.00	2,646.55	2,612.60	2,608.93	10.22	5.78	161.90	1.64	156.63	551.67	539.19	12.48	44.196	
2,800.00	2,744.93	2,700.00	2,695.37	10.60	6.06	161.42	1.36	169.52	576.55	563.49	13.06	44.149	
2,900.00	2,843.81	2,779.44	2,773.35	10.94	6.37	160.68	1.16	184.65	600.92	587.28	13.64	44.041	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26I3DS - NBU 921-26I3DS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 144-MWD, 2367-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
3,000.00	2,943.10	2,861.10	2,852.78	11.25	6.73	159.62	1.02	203.56	625.00	610.73	14.27	43.808	
3,100.00	3,042.71	2,941.21	2,929.85	11.52	7.13	158.34	0.93	225.40	649.00	634.09	14.91	43.528	
3,200.00	3,142.53	3,019.55	3,004.27	11.74	7.58	156.89	0.90	249.87	673.18	657.62	15.57	43.247	
3,300.00	3,242.49	3,104.18	3,083.64	11.93	8.14	155.14	0.92	279.23	697.56	681.27	16.29	42.830	
3,339.51	3,282.00	3,141.14	3,118.24	11.99	8.40	140.63	0.93	292.24	706.84	690.25	16.60	42.593	
3,400.00	3,342.49	3,197.77	3,171.24	12.08	8.80	139.37	0.95	312.16	721.04	703.96	17.07	42.228	
3,500.00	3,442.49	3,291.38	3,258.87	12.23	9.49	137.38	0.98	345.09	745.24	727.37	17.87	41.701	
3,600.00	3,542.49	3,384.98	3,346.49	12.39	10.21	135.52	1.01	378.02	770.29	751.62	18.66	41.272	
3,700.00	3,642.49	3,478.59	3,434.11	12.56	10.94	133.76	1.04	410.95	796.10	776.65	19.45	40.931	
3,800.00	3,742.49	3,572.20	3,521.73	12.73	11.70	132.11	1.07	443.89	822.62	802.39	20.23	40.668	
3,900.00	3,842.49	3,665.81	3,609.36	12.90	12.46	130.56	1.09	476.82	849.76	828.76	21.00	40.473	
4,000.00	3,942.49	3,759.41	3,696.98	13.08	13.24	129.10	1.12	509.75	877.47	855.71	21.75	40.336	
4,100.00	4,042.49	3,853.02	3,784.60	13.27	14.02	127.73	1.15	542.68	905.70	883.20	22.50	40.249	
4,200.00	4,142.49	3,946.63	3,872.23	13.46	14.81	126.44	1.18	575.61	934.40	911.16	23.24	40.203	
4,300.00	4,242.49	4,040.24	3,959.85	13.66	15.61	125.22	1.21	608.54	963.53	939.56	23.97	40.192	
4,400.00	4,342.49	4,133.84	4,047.47	13.86	16.42	124.07	1.24	641.47	993.06	968.36	24.70	40.211	
4,500.00	4,442.49	4,227.45	4,135.10	14.07	17.23	122.99	1.27	674.41	1,022.94	997.53	25.41	40.254	
4,600.00	4,542.49	4,321.06	4,222.72	14.27	18.04	121.96	1.30	707.34	1,053.15	1,027.03	26.12	40.318	
4,700.00	4,642.49	4,443.10	4,337.40	14.49	18.95	120.74	1.34	749.05	1,082.90	1,055.99	26.90	40.251	
4,800.00	4,742.49	4,586.47	4,474.17	14.70	19.80	119.57	1.37	792.01	1,109.10	1,081.41	27.69	40.049	
4,900.00	4,842.49	4,734.07	4,617.04	14.93	20.56	118.63	1.41	829.03	1,131.19	1,102.74	28.45	39.757	
5,000.00	4,942.49	4,885.28	4,765.18	15.15	21.22	117.89	1.43	859.28	1,148.89	1,119.71	29.18	39.371	
5,100.00	5,042.49	5,039.37	4,917.56	15.38	21.76	117.36	1.45	882.01	1,161.99	1,132.12	29.87	38.902	
5,200.00	5,142.49	5,195.50	5,072.98	15.61	22.20	117.03	1.47	896.66	1,170.35	1,139.83	30.52	38.346	
5,300.00	5,242.49	5,352.78	5,230.12	15.84	22.51	116.90	1.47	902.84	1,173.85	1,142.72	31.13	37.712	
5,400.00	5,342.49	5,465.15	5,342.49	16.08	22.70	116.89	1.47	903.04	1,173.96	1,142.34	31.62	37.127	
5,500.00	5,442.49	5,565.15	5,442.49	16.32	22.86	116.89	1.47	903.04	1,173.96	1,141.87	32.09	36.583	
5,600.00	5,542.49	5,665.15	5,542.49	16.56	23.03	116.89	1.47	903.04	1,173.96	1,141.39	32.57	36.048	
5,700.00	5,642.49	5,765.15	5,642.49	16.80	23.20	116.89	1.47	903.04	1,173.96	1,140.91	33.05	35.523	
5,800.00	5,742.49	5,865.15	5,742.49	17.05	23.38	116.89	1.47	903.04	1,173.96	1,140.43	33.53	35.007	
5,900.00	5,842.49	5,965.15	5,842.49	17.30	23.56	116.89	1.47	903.04	1,173.96	1,139.93	34.03	34.502	
6,000.00	5,942.49	6,065.15	5,942.49	17.55	23.74	116.89	1.47	903.04	1,173.96	1,139.44	34.52	34.006	
6,100.00	6,042.49	6,165.15	6,042.49	17.80	23.92	116.89	1.47	903.04	1,173.96	1,138.94	35.02	33.520	
6,200.00	6,142.49	6,265.15	6,142.49	18.06	24.11	116.89	1.47	903.04	1,173.96	1,138.43	35.53	33.044	
6,300.00	6,242.49	6,365.15	6,242.49	18.32	24.30	116.89	1.47	903.04	1,173.96	1,137.93	36.04	32.578	
6,400.00	6,342.49	6,465.15	6,342.49	18.58	24.49	116.89	1.47	903.04	1,173.96	1,137.41	36.55	32.121	
6,500.00	6,442.49	6,565.15	6,442.49	18.84	24.68	116.89	1.47	903.04	1,173.96	1,136.90	37.06	31.673	
6,600.00	6,542.49	6,665.15	6,542.49	19.10	24.88	116.89	1.47	903.04	1,173.96	1,136.38	37.58	31.235	
6,700.00	6,642.49	6,765.15	6,642.49	19.37	25.08	116.89	1.47	903.04	1,173.96	1,135.85	38.11	30.806	
6,800.00	6,742.49	6,865.15	6,742.49	19.63	25.28	116.89	1.47	903.04	1,173.96	1,135.33	38.63	30.386	
6,900.00	6,842.49	6,965.15	6,842.49	19.90	25.49	116.89	1.47	903.04	1,173.96	1,134.80	39.16	29.975	
7,000.00	6,942.49	7,065.15	6,942.49	20.17	25.69	116.89	1.47	903.04	1,173.96	1,134.26	39.70	29.572	
7,100.00	7,042.49	7,165.15	7,042.49	20.44	25.90	116.89	1.47	903.04	1,173.96	1,133.73	40.23	29.178	
7,200.00	7,142.49	7,265.15	7,142.49	20.71	26.11	116.89	1.47	903.04	1,173.96	1,133.19	40.77	28.793	
7,300.00	7,242.49	7,365.15	7,242.49	20.98	26.33	116.89	1.47	903.04	1,173.96	1,132.65	41.31	28.416	
7,400.00	7,342.49	7,465.15	7,342.49	21.26	26.54	116.89	1.47	903.04	1,173.96	1,132.10	41.86	28.046	
7,500.00	7,442.49	7,565.15	7,442.49	21.53	26.76	116.89	1.47	903.04	1,173.96	1,131.56	42.40	27.685	
7,600.00	7,542.49	7,665.15	7,542.49	21.81	26.98	116.89	1.47	903.04	1,173.96	1,131.01	42.95	27.331	
7,700.00	7,642.49	7,765.15	7,642.49	22.09	27.20	116.89	1.47	903.04	1,173.96	1,130.46	43.51	26.984	
7,800.00	7,742.49	7,865.15	7,742.49	22.37	27.42	116.89	1.47	903.04	1,173.96	1,129.90	44.06	26.645	
7,900.00	7,842.49	7,965.15	7,842.49	22.65	27.65	116.89	1.47	903.04	1,173.96	1,129.35	44.61	26.313	
8,000.00	7,942.49	8,065.15	7,942.49	22.93	27.87	116.89	1.47	903.04	1,173.96	1,128.79	45.17	25.988	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26I3DS - NBU 921-26I3DS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 144-MWD, 2367-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
8,100.00	8,042.49	8,165.15	8,042.49	23.21	28.10	116.89	1.47	903.04	1,173.96	1,128.23	45.73	25.670	
8,200.00	8,142.49	8,265.15	8,142.49	23.49	28.33	116.89	1.47	903.04	1,173.96	1,127.67	46.29	25.359	
8,300.00	8,242.49	8,365.15	8,242.49	23.78	28.57	116.89	1.47	903.04	1,173.96	1,127.10	46.86	25.054	
8,400.00	8,342.49	8,465.15	8,342.49	24.06	28.80	116.89	1.47	903.04	1,173.96	1,126.54	47.42	24.755	
8,500.00	8,442.49	8,565.15	8,442.49	24.35	29.03	116.89	1.47	903.04	1,173.96	1,125.97	47.99	24.462	
8,600.00	8,542.49	8,665.15	8,542.49	24.63	29.27	116.89	1.47	903.04	1,173.96	1,125.40	48.56	24.176	
8,700.00	8,642.49	8,765.15	8,642.49	24.92	29.51	116.89	1.47	903.04	1,173.96	1,124.83	49.13	23.895	
8,800.00	8,742.49	8,865.15	8,742.49	25.21	29.75	116.89	1.47	903.04	1,173.96	1,124.26	49.70	23.620	
8,900.00	8,842.49	8,965.15	8,842.49	25.50	29.99	116.89	1.47	903.04	1,173.96	1,123.69	50.28	23.351	
9,000.00	8,942.49	9,065.15	8,942.49	25.78	30.23	116.89	1.47	903.04	1,173.96	1,123.11	50.85	23.087	
9,100.00	9,042.49	9,165.15	9,042.49	26.07	30.48	116.89	1.47	903.04	1,173.96	1,122.53	51.43	22.828	
9,200.00	9,142.49	9,265.15	9,142.49	26.36	30.72	116.89	1.47	903.04	1,173.96	1,121.96	52.00	22.574	
9,300.00	9,242.49	9,365.15	9,242.49	26.66	30.97	116.89	1.47	903.04	1,173.96	1,121.38	52.58	22.325	
9,400.00	9,342.49	9,465.15	9,342.49	26.95	31.22	116.89	1.47	903.04	1,173.96	1,120.80	53.16	22.082	
9,500.00	9,442.49	9,565.15	9,442.49	27.24	31.47	116.89	1.47	903.04	1,173.96	1,120.21	53.75	21.843	
9,600.00	9,542.49	9,665.15	9,542.49	27.53	31.72	116.89	1.47	903.04	1,173.96	1,119.63	54.33	21.608	
9,700.00	9,642.49	9,765.15	9,642.49	27.83	31.97	116.89	1.47	903.04	1,173.96	1,119.05	54.91	21.379	
9,764.35	9,706.84	9,829.51	9,706.84	28.01	32.13	116.89	1.47	903.04	1,173.96	1,118.67	55.29	21.233	
9,800.00	9,742.49	9,858.66	9,736.00	28.12	32.21	116.89	1.47	903.04	1,173.98	1,118.50	55.48	21.161	
9,900.00	9,842.49	9,858.66	9,736.00	28.41	32.21	116.89	1.47	903.04	1,178.78	1,123.00	55.78	21.132	SF
10,000.00	9,942.49	9,858.66	9,736.00	28.71	32.21	116.89	1.47	903.04	1,191.98	1,135.90	56.08	21.254	
10,100.00	10,042.49	9,858.66	9,736.00	29.00	32.21	116.89	1.47	903.04	1,213.31	1,156.93	56.38	21.519	
10,200.00	10,142.49	9,858.66	9,736.00	29.30	32.21	116.89	1.47	903.04	1,242.34	1,185.66	56.69	21.916	
10,300.00	10,242.49	9,858.66	9,736.00	29.60	32.21	116.89	1.47	903.04	1,278.56	1,221.57	56.99	22.435	
10,400.00	10,342.49	9,858.66	9,736.00	29.89	32.21	116.89	1.47	903.04	1,321.37	1,264.08	57.29	23.064	
10,500.00	10,442.49	9,858.66	9,736.00	30.19	32.21	116.89	1.47	903.04	1,370.15	1,312.56	57.59	23.789	
10,600.00	10,542.49	9,858.66	9,736.00	30.49	32.21	116.89	1.47	903.04	1,424.29	1,366.40	57.90	24.600	
10,700.00	10,642.49	9,858.66	9,736.00	30.79	32.21	116.89	1.47	903.04	1,483.21	1,425.01	58.20	25.484	
10,797.51	10,740.00	9,858.66	9,736.00	31.08	32.21	116.89	1.47	903.04	1,544.73	1,486.23	58.50	26.406	

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26J3DS - NBU 921-26J3DS - NBU 921-26J3DS

Offset Site Error: 0.00 ft

Survey Program: 144-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	-91.04	-0.73	-40.05	40.06				
169.00	169.00	168.69	168.69	0.16	0.19	-52.59	-0.82	-40.72	40.53	40.18	0.35	116.146	
199.00	199.00	198.69	198.69	0.23	0.25	-63.40	-0.87	-40.95	40.68	40.20	0.48	84.845	
228.00	228.00	227.66	227.66	0.29	0.31	-62.78	-0.92	-41.18	40.79	40.19	0.60	67.533	
256.00	256.00	255.64	255.63	0.36	0.37	-79.90	-0.94	-41.42	40.92	40.20	0.72	56.501	
285.00	284.99	284.76	284.75	0.42	0.43	-86.95	-0.81	-41.64	41.07	40.22	0.85	48.450	
313.00	312.97	312.88	312.87	0.49	0.49	-79.25	-0.45	-41.78	41.07	40.10	0.97	42.432	
342.00	341.95	341.98	341.96	0.56	0.55	-78.90	0.13	-41.85	40.87	39.78	1.10	37.320	
371.00	370.90	370.81	370.79	0.63	0.61	-77.09	0.92	-41.97	40.56	39.33	1.23	33.085	
401.00	400.82	400.70	400.65	0.70	0.68	-81.54	2.04	-42.21	40.26	38.90	1.36	29.521	
430.00	429.72	429.48	429.40	0.77	0.75	-82.43	3.47	-42.59	40.10	38.60	1.50	26.718	
451.31	450.94	450.67	450.55	0.82	0.80	-83.89	4.73	-42.99	40.06	38.46	1.60	24.965	CC
461.00	460.59	460.31	460.16	0.85	0.82	-84.52	5.34	-43.20	40.07	38.42	1.65	24.258	
490.00	489.45	489.26	489.03	0.92	0.89	-85.36	7.36	-43.89	40.13	38.34	1.80	22.338	ES
517.00	516.33	515.95	515.63	0.99	0.95	-85.94	9.41	-44.68	40.31	38.38	1.93	20.847	
547.00	546.19	545.76	545.33	1.06	1.02	-88.75	11.76	-45.76	40.76	38.68	2.08	19.596	
578.00	577.04	576.50	575.95	1.14	1.10	-89.68	14.17	-47.04	41.45	39.22	2.23	18.559	
608.00	606.85	606.50	605.83	1.22	1.17	-89.58	16.53	-48.38	42.20	39.80	2.39	17.635	
638.00	636.63	636.54	635.74	1.31	1.24	-88.90	18.92	-49.69	42.82	40.27	2.55	16.774	
668.00	666.35	666.57	665.64	1.40	1.32	-89.42	21.32	-50.96	43.32	40.60	2.72	15.942	
698.00	696.01	696.57	695.52	1.50	1.39	-93.18	23.72	-52.18	43.85	40.96	2.89	15.184	
728.00	725.60	726.35	725.19	1.60	1.46	-94.93	26.08	-53.41	44.51	41.45	3.06	14.535	
758.00	755.10	756.07	754.79	1.71	1.53	-99.74	28.38	-54.70	45.46	42.22	3.24	14.029	
788.00	784.51	785.73	784.33	1.82	1.61	-103.27	30.61	-56.06	46.82	43.40	3.42	13.687	
818.00	813.85	815.39	813.88	1.94	1.68	-107.34	32.81	-57.49	48.56	44.96	3.61	13.470	
848.00	843.14	845.02	843.39	2.07	1.76	-112.81	35.01	-58.99	50.76	46.98	3.79	13.409	SF
878.00	872.36	874.61	872.85	2.19	1.83	-118.59	37.21	-60.55	53.55	49.59	3.96	13.519	
968.00	959.83	964.27	962.13	2.59	2.07	-128.63	44.22	-64.99	63.49	59.02	4.47	14.215	
1,058.00	1,047.08	1,053.37	1,050.81	3.01	2.30	-133.82	51.87	-69.13	74.41	69.46	4.95	15.031	
1,148.00	1,134.31	1,142.02	1,139.03	3.40	2.54	-138.71	59.47	-73.21	85.86	80.48	5.38	15.953	
1,238.00	1,221.68	1,230.69	1,227.35	3.79	2.76	-142.24	66.55	-76.89	97.66	91.88	5.78	16.894	
1,328.00	1,308.97	1,319.10	1,315.42	4.21	2.98	-146.24	73.33	-80.63	110.43	104.23	6.20	17.802	
1,418.00	1,396.43	1,407.87	1,403.85	4.62	3.20	-148.46	79.93	-84.54	123.15	116.53	6.62	18.599	
1,508.00	1,484.27	1,496.02	1,491.69	4.98	3.43	-152.64	86.17	-88.57	135.11	128.08	7.02	19.234	
1,598.00	1,572.12	1,585.66	1,581.01	5.36	3.66	-151.88	92.33	-93.03	147.43	139.97	7.46	19.764	
1,688.00	1,659.75	1,675.13	1,670.15	5.77	3.88	-150.20	98.91	-97.00	159.76	151.87	7.89	20.238	
1,778.00	1,747.24	1,764.22	1,758.93	6.20	4.11	-152.15	105.37	-100.63	172.54	164.22	8.32	20.747	
1,868.00	1,834.80	1,854.66	1,849.02	6.60	4.34	-157.49	112.37	-104.12	185.04	176.31	8.73	21.197	
1,958.00	1,922.45	1,944.04	1,938.06	6.99	4.57	-161.40	119.71	-106.92	197.25	188.12	9.13	21.602	
2,048.00	2,009.98	2,032.56	2,026.24	7.41	4.80	-162.00	126.93	-109.84	210.21	200.65	9.56	22.000	
2,138.00	2,097.47	2,119.68	2,113.04	7.81	5.03	-163.57	133.61	-113.02	223.85	213.87	9.98	22.428	
2,228.00	2,185.32	2,208.39	2,201.45	8.19	5.25	-161.20	139.89	-116.72	236.50	226.08	10.42	22.691	
2,318.00	2,273.45	2,297.35	2,290.12	8.55	5.48	-159.86	146.14	-120.36	247.67	236.82	10.85	22.836	
2,408.00	2,361.49	2,385.76	2,378.26	8.93	5.70	-162.03	152.14	-123.81	259.50	248.24	11.26	23.042	
2,437.00	2,389.80	2,408.00	2,400.43	9.06	5.75	-161.79	153.61	-124.72	263.71	252.32	11.39	23.156	
2,500.00	2,451.28	2,408.00	2,400.43	9.34	5.75	-161.79	153.61	-124.72	281.27	269.70	11.57	24.304	
2,542.20	2,492.45	2,408.00	2,400.43	9.53	5.75	-161.79	153.61	-124.72	299.93	288.23	11.70	25.638	
2,565.99	2,515.65	2,408.00	2,400.43	9.64	5.75	-163.95	153.61	-124.72	312.60	300.85	11.75	26.598	
2,586.42	2,535.53	2,408.00	2,400.43	9.74	5.75	-163.95	153.61	-124.72	324.56	312.75	11.81	27.471	
2,600.00	2,548.76	2,408.00	2,400.43	9.80	5.75	-164.00	153.61	-124.72	332.95	321.10	11.85	28.087	
2,700.00	2,646.55	2,408.00	2,400.43	10.22	5.75	-164.47	153.61	-124.72	402.45	390.33	12.12	33.198	
2,800.00	2,744.93	2,408.00	2,400.43	10.60	5.75	-165.06	153.61	-124.72	481.15	468.78	12.37	38.896	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26J3DS - NBU 921-26J3DS - NBU 921-26J3DS

Offset Site Error: 0.00 ft

Survey Program: 144-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
2,900.00	2,843.81	2,408.00	2,400.43	10.94	5.75	-165.74	153.61	-124.72	565.17	552.57	12.60	44.867	
3,000.00	2,943.10	2,408.00	2,400.43	11.25	5.75	-166.49	153.61	-124.72	652.39	639.58	12.80	50.960	
3,100.00	3,042.71	2,408.00	2,400.43	11.52	5.75	-167.28	153.61	-124.72	741.61	728.62	12.99	57.098	
3,200.00	3,142.53	2,408.00	2,400.43	11.74	5.75	-168.07	153.61	-124.72	832.12	818.96	13.16	63.247	
3,300.00	3,242.49	2,408.00	2,400.43	11.93	5.75	-168.86	153.61	-124.72	923.48	910.17	13.31	69.387	
3,339.51	3,282.00	2,408.00	2,400.43	11.99	5.75	177.09	153.61	-124.72	959.73	946.36	13.36	71.810	
3,400.00	3,342.49	2,408.00	2,400.43	12.08	5.75	177.09	153.61	-124.72	1,015.58	1,002.08	13.49	75.257	
3,500.00	3,442.49	2,408.00	2,400.43	12.23	5.75	177.09	153.61	-124.72	1,108.97	1,095.26	13.71	80.879	
3,600.00	3,542.49	2,408.00	2,400.43	12.39	5.75	177.09	153.61	-124.72	1,203.42	1,189.49	13.93	86.363	
3,700.00	3,642.49	2,408.00	2,400.43	12.56	5.75	177.09	153.61	-124.72	1,298.70	1,284.54	14.16	91.697	
3,800.00	3,742.49	2,408.00	2,400.43	12.73	5.75	177.09	153.61	-124.72	1,394.65	1,380.25	14.40	96.872	
3,900.00	3,842.49	2,408.00	2,400.43	12.90	5.75	177.09	153.61	-124.72	1,491.13	1,476.49	14.64	101.883	
4,000.00	3,942.49	2,408.00	2,400.43	13.08	5.75	177.09	153.61	-124.72	1,588.04	1,573.16	14.88	106.730	
4,100.00	4,042.49	2,408.00	2,400.43	13.27	5.75	177.09	153.61	-124.72	1,685.31	1,670.19	15.13	111.415	
4,200.00	4,142.49	2,408.00	2,400.43	13.46	5.75	177.09	153.61	-124.72	1,782.89	1,767.51	15.38	115.938	
4,300.00	4,242.49	2,408.00	2,400.43	13.66	5.75	177.09	153.61	-124.72	1,880.72	1,865.09	15.63	120.305	
4,400.00	4,342.49	2,408.00	2,400.43	13.86	5.75	177.09	153.61	-124.72	1,978.77	1,962.88	15.89	124.518	
4,500.00	4,442.49	2,408.00	2,400.43	14.07	5.75	177.09	153.61	-124.72	2,077.00	2,060.85	16.15	128.584	
4,600.00	4,542.49	2,408.00	2,400.43	14.27	5.75	177.09	153.61	-124.72	2,175.40	2,158.98	16.42	132.506	
4,700.00	4,642.49	2,408.00	2,400.43	14.49	5.75	177.09	153.61	-124.72	2,273.93	2,257.25	16.68	136.291	
4,800.00	4,742.49	2,408.00	2,400.43	14.70	5.75	177.09	153.61	-124.72	2,372.59	2,355.63	16.95	139.942	
4,900.00	4,842.49	2,408.00	2,400.43	14.93	5.75	177.09	153.61	-124.72	2,471.35	2,454.13	17.23	143.466	
5,000.00	4,942.49	2,408.00	2,400.43	15.15	5.75	177.09	153.61	-124.72	2,570.21	2,552.71	17.50	146.867	
5,100.00	5,042.49	2,408.00	2,400.43	15.38	5.75	177.09	153.61	-124.72	2,669.16	2,651.38	17.78	150.151	
5,200.00	5,142.49	2,408.00	2,400.43	15.61	5.75	177.09	153.61	-124.72	2,768.18	2,750.13	18.05	153.323	
5,300.00	5,242.49	2,408.00	2,400.43	15.84	5.75	177.09	153.61	-124.72	2,867.27	2,848.94	18.33	156.386	
5,400.00	5,342.49	2,408.00	2,400.43	16.08	5.75	177.09	153.61	-124.72	2,966.42	2,947.80	18.62	159.346	
5,500.00	5,442.49	2,408.00	2,400.43	16.32	5.75	177.09	153.61	-124.72	3,065.63	3,046.73	18.90	162.207	
5,600.00	5,542.49	2,408.00	2,400.43	16.56	5.75	177.09	153.61	-124.72	3,164.88	3,145.70	19.18	164.974	
5,700.00	5,642.49	2,408.00	2,400.43	16.80	5.75	177.09	153.61	-124.72	3,264.18	3,244.71	19.47	167.650	
5,800.00	5,742.49	2,408.00	2,400.43	17.05	5.75	177.09	153.61	-124.72	3,363.53	3,343.77	19.76	170.239	
5,900.00	5,842.49	2,408.00	2,400.43	17.30	5.75	177.09	153.61	-124.72	3,462.91	3,442.86	20.05	172.745	
6,000.00	5,942.49	2,408.00	2,400.43	17.55	5.75	177.09	153.61	-124.72	3,562.32	3,541.99	20.34	175.172	
6,100.00	6,042.49	2,408.00	2,400.43	17.80	5.75	177.09	153.61	-124.72	3,661.77	3,641.14	20.63	177.523	
6,200.00	6,142.49	2,408.00	2,400.43	18.06	5.75	177.09	153.61	-124.72	3,761.24	3,740.33	20.92	179.800	
6,300.00	6,242.49	2,408.00	2,400.43	18.32	5.75	177.09	153.61	-124.72	3,860.75	3,839.54	21.21	182.008	
6,400.00	6,342.49	2,408.00	2,400.43	18.58	5.75	177.09	153.61	-124.72	3,960.28	3,938.77	21.51	184.149	
6,500.00	6,442.49	2,408.00	2,400.43	18.84	5.75	177.09	153.61	-124.72	4,059.83	4,038.03	21.80	186.225	
6,600.00	6,542.49	2,408.00	2,400.43	19.10	5.75	177.09	153.61	-124.72	4,159.40	4,137.30	22.10	188.240	
6,700.00	6,642.49	2,408.00	2,400.43	19.37	5.75	177.09	153.61	-124.72	4,258.99	4,236.60	22.39	190.196	
6,800.00	6,742.49	2,408.00	2,400.43	19.63	5.75	177.09	153.61	-124.72	4,358.60	4,335.92	22.69	192.096	
6,900.00	6,842.49	2,408.00	2,400.43	19.90	5.75	177.09	153.61	-124.72	4,458.23	4,435.25	22.99	193.941	
7,000.00	6,942.49	2,408.00	2,400.43	20.17	5.75	177.09	153.61	-124.72	4,557.88	4,534.59	23.29	195.734	
7,100.00	7,042.49	2,408.00	2,400.43	20.44	5.75	177.09	153.61	-124.72	4,657.54	4,633.95	23.59	197.476	
7,200.00	7,142.49	2,408.00	2,400.43	20.71	5.75	177.09	153.61	-124.72	4,757.21	4,733.33	23.89	199.170	
7,300.00	7,242.49	2,408.00	2,400.43	20.98	5.75	177.09	153.61	-124.72	4,856.90	4,832.72	24.19	200.819	
7,400.00	7,342.49	2,408.00	2,400.43	21.26	5.75	177.09	153.61	-124.72	4,956.60	4,932.12	24.49	202.422	
7,500.00	7,442.49	2,408.00	2,400.43	21.53	5.75	177.09	153.61	-124.72	5,056.32	5,031.53	24.79	203.983	
7,600.00	7,542.49	2,408.00	2,400.43	21.81	5.75	177.09	153.61	-124.72	5,156.04	5,130.95	25.09	205.502	
7,700.00	7,642.49	2,408.00	2,400.43	22.09	5.75	177.09	153.61	-124.72	5,255.77	5,230.38	25.39	206.982	
7,800.00	7,742.49	2,408.00	2,400.43	22.37	5.75	177.09	153.61	-124.72	5,355.52	5,329.82	25.70	208.423	
7,900.00	7,842.49	2,408.00	2,400.43	22.65	5.75	177.09	153.61	-124.72	5,455.27	5,429.27	26.00	209.828	

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Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26J3DS - NBU 921-26J3DS - NBU 921-26J3DS

Offset Site Error: 0.00 ft

Survey Program: 144-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
8,000.00	7,942.49	2,408.00	2,400.43	22.93	5.75	177.09	153.61	-124.72	5,555.03	5,528.73	26.30	211.197	
8,100.00	8,042.49	2,408.00	2,400.43	23.21	5.75	177.09	153.61	-124.72	5,654.80	5,628.20	26.61	212.532	
8,200.00	8,142.49	2,408.00	2,400.43	23.49	5.75	177.09	153.61	-124.72	5,754.58	5,727.67	26.91	213.834	
8,300.00	8,242.49	2,408.00	2,400.43	23.78	5.75	177.09	153.61	-124.72	5,854.37	5,827.15	27.22	215.104	
8,400.00	8,342.49	2,408.00	2,400.43	24.06	5.75	177.09	153.61	-124.72	5,954.16	5,926.64	27.52	216.344	
8,500.00	8,442.49	2,408.00	2,400.43	24.35	5.75	177.09	153.61	-124.72	6,053.96	6,026.13	27.83	217.554	
8,600.00	8,542.49	2,408.00	2,400.43	24.63	5.75	177.09	153.61	-124.72	6,153.77	6,125.64	28.13	218.735	
8,700.00	8,642.49	2,408.00	2,400.43	24.92	5.75	177.09	153.61	-124.72	6,253.58	6,225.14	28.44	219.888	
8,800.00	8,742.49	2,408.00	2,400.43	25.21	5.75	177.09	153.61	-124.72	6,353.40	6,324.65	28.75	221.015	
8,900.00	8,842.49	2,408.00	2,400.43	25.50	5.75	177.09	153.61	-124.72	6,453.22	6,424.17	29.05	222.116	
9,000.00	8,942.49	2,408.00	2,400.43	25.78	5.75	177.09	153.61	-124.72	6,553.05	6,523.69	29.36	223.192	
9,100.00	9,042.49	2,408.00	2,400.43	26.07	5.75	177.09	153.61	-124.72	6,652.89	6,623.22	29.67	224.244	
9,200.00	9,142.49	2,408.00	2,400.43	26.36	5.75	177.09	153.61	-124.72	6,752.73	6,722.75	29.98	225.272	
9,300.00	9,242.49	2,408.00	2,400.43	26.66	5.75	177.09	153.61	-124.72	6,852.57	6,822.29	30.28	226.278	
9,400.00	9,342.49	2,408.00	2,400.43	26.95	5.75	177.09	153.61	-124.72	6,952.42	6,921.83	30.59	227.262	
9,500.00	9,442.49	2,408.00	2,400.43	27.24	5.75	177.09	153.61	-124.72	7,052.28	7,021.37	30.90	228.225	
9,600.00	9,542.49	2,408.00	2,400.43	27.53	5.75	177.09	153.61	-124.72	7,152.13	7,120.92	31.21	229.167	
9,700.00	9,642.49	2,408.00	2,400.43	27.83	5.75	177.09	153.61	-124.72	7,251.99	7,220.48	31.52	230.089	
9,800.00	9,742.49	2,408.00	2,400.43	28.12	5.75	177.09	153.61	-124.72	7,351.86	7,320.03	31.83	230.992	
9,900.00	9,842.49	2,408.00	2,400.43	28.41	5.75	177.09	153.61	-124.72	7,451.73	7,419.59	32.14	231.876	
10,000.00	9,942.49	2,408.00	2,400.43	28.71	5.75	177.09	153.61	-124.72	7,551.60	7,519.15	32.45	232.742	
10,100.00	10,042.49	2,408.00	2,400.43	29.00	5.75	177.09	153.61	-124.72	7,651.47	7,618.72	32.76	233.591	
10,200.00	10,142.49	2,408.00	2,400.43	29.30	5.75	177.09	153.61	-124.72	7,751.35	7,718.29	33.07	234.422	
10,300.00	10,242.49	2,408.00	2,400.43	29.60	5.75	177.09	153.61	-124.72	7,851.23	7,817.86	33.38	235.237	
10,400.00	10,342.49	2,408.00	2,400.43	29.89	5.75	177.09	153.61	-124.72	7,951.12	7,917.43	33.69	236.035	
10,500.00	10,442.49	2,408.00	2,400.43	30.19	5.75	177.09	153.61	-124.72	8,051.01	8,017.01	34.00	236.818	
10,600.00	10,542.49	2,408.00	2,400.43	30.49	5.75	177.09	153.61	-124.72	8,150.90	8,116.59	34.31	237.586	
10,700.00	10,642.49	2,408.00	2,400.43	30.79	5.75	177.09	153.61	-124.72	8,250.79	8,216.17	34.62	238.339	
10,797.51	10,740.00	2,408.00	2,400.43	31.08	5.75	177.09	153.61	-124.72	8,348.20	8,313.28	34.92	239.059	

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26J3DS - NBU 921-26J3DS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 144-MWD, 2408-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	-91.04	-0.73	-40.05	40.06				
169.00	169.00	168.69	168.69	0.16	0.19	-52.59	-0.82	-40.72	40.53	40.18	0.35	116.146	
199.00	199.00	198.69	198.69	0.23	0.25	-63.40	-0.87	-40.95	40.68	40.20	0.48	84.845	
228.00	228.00	227.66	227.66	0.29	0.31	-62.78	-0.92	-41.18	40.79	40.19	0.60	67.533	
256.00	256.00	255.64	255.63	0.36	0.37	-79.90	-0.94	-41.42	40.92	40.20	0.72	56.501	
285.00	284.99	284.76	284.75	0.42	0.43	-86.95	-0.81	-41.64	41.07	40.22	0.85	48.450	
313.00	312.97	312.88	312.87	0.49	0.49	-79.25	-0.45	-41.78	41.07	40.10	0.97	42.432	
342.00	341.95	341.98	341.96	0.56	0.55	-78.90	0.13	-41.85	40.87	39.78	1.10	37.320	
371.00	370.90	370.81	370.79	0.63	0.61	-77.09	0.92	-41.97	40.56	39.33	1.23	33.085	
401.00	400.82	400.70	400.65	0.70	0.68	-81.54	2.04	-42.21	40.26	38.90	1.36	29.521	
430.00	429.72	429.48	429.40	0.77	0.75	-82.43	3.47	-42.59	40.10	38.60	1.50	26.718	
451.31	450.94	450.67	450.55	0.82	0.80	-83.89	4.73	-42.99	40.06	38.46	1.60	24.965	CC
461.00	460.59	460.31	460.16	0.85	0.82	-84.52	5.34	-43.20	40.07	38.42	1.65	24.258	
490.00	489.45	489.26	489.03	0.92	0.89	-85.36	7.36	-43.89	40.13	38.34	1.80	22.338	ES
517.00	516.33	515.95	515.63	0.99	0.95	-85.94	9.41	-44.68	40.31	38.38	1.93	20.847	
547.00	546.19	545.76	545.33	1.06	1.02	-88.75	11.76	-45.76	40.76	38.68	2.08	19.596	
578.00	577.04	576.50	575.95	1.14	1.10	-89.68	14.17	-47.04	41.45	39.22	2.23	18.559	
608.00	606.85	606.50	605.83	1.22	1.17	-89.58	16.53	-48.38	42.20	39.80	2.39	17.635	
638.00	636.63	636.54	635.74	1.31	1.24	-88.90	18.92	-49.69	42.82	40.27	2.55	16.774	
668.00	666.35	666.57	665.64	1.40	1.32	-89.42	21.32	-50.96	43.32	40.60	2.72	15.942	
698.00	696.01	696.57	695.52	1.50	1.39	-93.18	23.72	-52.18	43.85	40.96	2.89	15.184	
728.00	725.60	726.35	725.19	1.60	1.46	-94.93	26.08	-53.41	44.51	41.45	3.06	14.535	
758.00	755.10	756.07	754.79	1.71	1.53	-99.74	28.38	-54.70	45.46	42.22	3.24	14.029	
788.00	784.51	785.73	784.33	1.82	1.61	-103.27	30.61	-56.06	46.82	43.40	3.42	13.687	
818.00	813.85	815.39	813.88	1.94	1.68	-107.34	32.81	-57.49	48.56	44.96	3.61	13.470	
848.00	843.14	845.02	843.39	2.07	1.76	-112.81	35.01	-58.99	50.76	46.98	3.79	13.409	
878.00	872.36	874.61	872.85	2.19	1.83	-118.59	37.21	-60.55	53.55	49.59	3.96	13.519	
968.00	959.83	964.27	962.13	2.59	2.07	-128.63	44.22	-64.99	63.49	59.02	4.47	14.215	
1,058.00	1,047.08	1,053.37	1,050.81	3.01	2.30	-133.82	51.87	-69.13	74.41	69.46	4.95	15.031	
1,148.00	1,134.31	1,142.02	1,139.03	3.40	2.54	-138.71	59.47	-73.21	85.86	80.48	5.38	15.953	
1,238.00	1,221.68	1,230.69	1,227.35	3.79	2.76	-142.24	66.55	-76.89	97.66	91.88	5.78	16.894	
1,328.00	1,308.97	1,319.10	1,315.42	4.21	2.98	-146.24	73.33	-80.63	110.43	104.23	6.20	17.802	
1,418.00	1,396.43	1,407.87	1,403.85	4.62	3.20	-148.46	79.93	-84.54	123.15	116.53	6.62	18.599	
1,508.00	1,484.27	1,496.02	1,491.69	4.98	3.43	-152.64	86.17	-88.57	135.11	128.08	7.02	19.234	
1,598.00	1,572.12	1,585.66	1,581.01	5.36	3.66	-151.88	92.33	-93.03	147.43	139.97	7.46	19.764	
1,688.00	1,659.75	1,675.13	1,670.15	5.77	3.88	-150.20	98.91	-97.00	159.76	151.87	7.89	20.238	
1,778.00	1,747.24	1,764.22	1,758.93	6.20	4.11	-152.15	105.37	-100.63	172.54	164.22	8.32	20.747	
1,868.00	1,834.80	1,854.66	1,849.02	6.60	4.34	-157.49	112.37	-104.12	185.04	176.31	8.73	21.197	
1,958.00	1,922.45	1,944.04	1,938.06	6.99	4.57	-161.40	119.71	-106.92	197.25	188.12	9.13	21.602	
2,048.00	2,009.98	2,032.56	2,026.24	7.41	4.80	-162.00	126.93	-109.84	210.21	200.65	9.56	22.000	
2,138.00	2,097.47	2,119.68	2,113.04	7.81	5.03	-163.57	133.61	-113.02	223.85	213.87	9.98	22.428	
2,228.00	2,185.32	2,208.39	2,201.45	8.19	5.25	-161.20	139.89	-116.72	236.50	226.08	10.42	22.691	
2,318.00	2,273.45	2,297.35	2,290.12	8.55	5.48	-159.86	146.14	-120.36	247.67	236.82	10.85	22.836	
2,408.00	2,361.49	2,385.76	2,378.26	8.93	5.70	-162.03	152.14	-123.81	259.50	248.24	11.26	23.042	
2,437.00	2,389.80	2,414.24	2,406.64	9.06	5.77	-161.82	154.01	-124.98	263.64	252.24	11.40	23.124	
2,500.00	2,451.28	2,476.55	2,468.77	9.34	5.93	-162.14	158.10	-127.57	272.79	261.07	11.71	23.287	
2,542.20	2,492.45	2,519.67	2,511.76	9.53	6.04	-162.35	160.94	-129.37	278.90	266.97	11.93	23.380	
2,565.99	2,515.65	2,547.29	2,539.27	9.64	6.11	-164.50	163.09	-130.51	282.21	270.16	12.05	23.424	
2,586.42	2,535.53	2,568.11	2,560.00	9.74	6.17	-164.57	164.89	-131.37	284.98	272.82	12.15	23.445	
2,600.00	2,548.76	2,581.57	2,573.39	9.80	6.20	-164.63	166.06	-131.93	286.79	274.56	12.23	23.456	
2,700.00	2,646.55	2,680.87	2,672.24	10.22	6.49	-164.91	174.70	-136.02	298.48	285.73	12.75	23.406	
2,800.00	2,744.93	2,774.91	2,765.90	10.60	6.75	-165.07	182.27	-139.62	307.90	294.64	13.26	23.224	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26J3DS - NBU 921-26J3DS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 144-MWD, 2408-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
2,900.00	2,843.81	2,866.67	2,857.48	10.94	6.98	-165.29	187.42	-142.06	316.78	303.05	13.73	23.072	
3,000.00	2,943.10	2,958.24	2,948.99	11.25	7.19	-165.57	190.24	-143.40	325.22	311.04	14.17	22.945	
3,100.00	3,042.71	3,051.96	3,042.71	11.52	7.40	-165.91	190.84	-143.69	333.13	318.53	14.60	22.819	
3,200.00	3,142.53	3,151.79	3,142.53	11.74	7.61	-166.17	190.84	-143.69	338.74	323.71	15.03	22.544	
3,300.00	3,242.49	3,251.75	3,242.49	11.93	7.83	-166.29	190.84	-143.69	341.39	325.95	15.45	22.101	
3,339.51	3,282.00	3,291.26	3,282.00	11.99	7.92	179.95	190.84	-143.69	341.63	326.02	15.61	21.884	
3,400.00	3,342.49	3,351.75	3,342.49	12.08	8.06	179.95	190.84	-143.69	341.63	325.74	15.89	21.500	
3,500.00	3,442.49	3,451.75	3,442.49	12.23	8.29	179.95	190.84	-143.69	341.63	325.27	16.36	20.888	
3,600.00	3,542.49	3,551.75	3,542.49	12.39	8.53	179.95	190.84	-143.69	341.63	324.79	16.83	20.296	
3,700.00	3,642.49	3,651.75	3,642.49	12.56	8.78	179.95	190.84	-143.69	341.63	324.31	17.32	19.726	
3,800.00	3,742.49	3,751.75	3,742.49	12.73	9.02	179.95	190.84	-143.69	341.63	323.81	17.81	19.177	
3,900.00	3,842.49	3,851.75	3,842.49	12.90	9.28	179.95	190.84	-143.69	341.63	323.31	18.32	18.648	
4,000.00	3,942.49	3,951.75	3,942.49	13.08	9.53	179.95	190.84	-143.69	341.63	322.79	18.83	18.141	
4,100.00	4,042.49	4,051.75	4,042.49	13.27	9.79	179.95	190.84	-143.69	341.63	322.27	19.35	17.654	
4,200.00	4,142.49	4,151.75	4,142.49	13.46	10.06	179.95	190.84	-143.69	341.63	321.75	19.88	17.186	
4,300.00	4,242.49	4,251.75	4,242.49	13.66	10.32	179.95	190.84	-143.69	341.63	321.22	20.41	16.738	
4,400.00	4,342.49	4,351.75	4,342.49	13.86	10.59	179.95	190.84	-143.69	341.63	320.68	20.95	16.308	
4,500.00	4,442.49	4,451.75	4,442.49	14.07	10.87	179.95	190.84	-143.69	341.63	320.13	21.49	15.896	
4,600.00	4,542.49	4,551.75	4,542.49	14.27	11.14	179.95	190.84	-143.69	341.63	319.59	22.04	15.500	
4,700.00	4,642.49	4,651.75	4,642.49	14.49	11.42	179.95	190.84	-143.69	341.63	319.03	22.59	15.121	
4,800.00	4,742.49	4,751.75	4,742.49	14.70	11.70	179.95	190.84	-143.69	341.63	318.48	23.15	14.757	
4,900.00	4,842.49	4,851.75	4,842.49	14.93	11.98	179.95	190.84	-143.69	341.63	317.92	23.71	14.408	
5,000.00	4,942.49	4,951.75	4,942.49	15.15	12.26	179.95	190.84	-143.69	341.63	317.35	24.28	14.073	
5,100.00	5,042.49	5,051.75	5,042.49	15.38	12.54	179.95	190.84	-143.69	341.63	316.78	24.84	13.751	
5,200.00	5,142.49	5,151.75	5,142.49	15.61	12.83	179.95	190.84	-143.69	341.63	316.21	25.41	13.442	
5,300.00	5,242.49	5,251.75	5,242.49	15.84	13.12	179.95	190.84	-143.69	341.63	315.64	25.99	13.145	
5,400.00	5,342.49	5,351.75	5,342.49	16.08	13.41	179.95	190.84	-143.69	341.63	315.06	26.57	12.860	
5,500.00	5,442.49	5,451.75	5,442.49	16.32	13.70	179.95	190.84	-143.69	341.63	314.48	27.15	12.585	
5,600.00	5,542.49	5,551.75	5,542.49	16.56	13.99	179.95	190.84	-143.69	341.63	313.90	27.73	12.321	
5,700.00	5,642.49	5,651.75	5,642.49	16.80	14.28	179.95	190.84	-143.69	341.63	313.31	28.31	12.067	
5,800.00	5,742.49	5,751.75	5,742.49	17.05	14.57	179.95	190.84	-143.69	341.63	312.73	28.90	11.822	
5,900.00	5,842.49	5,851.75	5,842.49	17.30	14.87	179.95	190.84	-143.69	341.63	312.14	29.49	11.586	
6,000.00	5,942.49	5,951.75	5,942.49	17.55	15.16	179.95	190.84	-143.69	341.63	311.55	30.08	11.358	
6,100.00	6,042.49	6,051.75	6,042.49	17.80	15.46	179.95	190.84	-143.69	341.63	310.96	30.67	11.139	
6,200.00	6,142.49	6,151.75	6,142.49	18.06	15.76	179.95	190.84	-143.69	341.63	310.36	31.26	10.927	
6,300.00	6,242.49	6,251.75	6,242.49	18.32	16.05	179.95	190.84	-143.69	341.63	309.77	31.86	10.723	
6,400.00	6,342.49	6,351.75	6,342.49	18.58	16.35	179.95	190.84	-143.69	341.63	309.17	32.46	10.526	
6,500.00	6,442.49	6,451.75	6,442.49	18.84	16.65	179.95	190.84	-143.69	341.63	308.57	33.05	10.335	
6,600.00	6,542.49	6,551.75	6,542.49	19.10	16.95	179.95	190.84	-143.69	341.63	307.97	33.65	10.151	
6,700.00	6,642.49	6,651.75	6,642.49	19.37	17.25	179.95	190.84	-143.69	341.63	307.37	34.25	9.973	
6,800.00	6,742.49	6,751.75	6,742.49	19.63	17.55	179.95	190.84	-143.69	341.63	306.77	34.86	9.801	
6,900.00	6,842.49	6,851.75	6,842.49	19.90	17.86	179.95	190.84	-143.69	341.63	306.17	35.46	9.634	
7,000.00	6,942.49	6,951.75	6,942.49	20.17	18.16	179.95	190.84	-143.69	341.63	305.56	36.07	9.472	
7,100.00	7,042.49	7,051.75	7,042.49	20.44	18.46	179.95	190.84	-143.69	341.63	304.96	36.67	9.316	
7,200.00	7,142.49	7,151.75	7,142.49	20.71	18.76	179.95	190.84	-143.69	341.63	304.35	37.28	9.164	
7,300.00	7,242.49	7,251.75	7,242.49	20.98	19.07	179.95	190.84	-143.69	341.63	303.74	37.89	9.017	
7,400.00	7,342.49	7,351.75	7,342.49	21.26	19.37	179.95	190.84	-143.69	341.63	303.13	38.49	8.875	
7,500.00	7,442.49	7,451.75	7,442.49	21.53	19.68	179.95	190.84	-143.69	341.63	302.52	39.10	8.737	
7,600.00	7,542.49	7,551.75	7,542.49	21.81	19.98	179.95	190.84	-143.69	341.63	301.91	39.71	8.602	
7,700.00	7,642.49	7,651.75	7,642.49	22.09	20.29	179.95	190.84	-143.69	341.63	301.30	40.32	8.472	
7,800.00	7,742.49	7,751.75	7,742.49	22.37	20.59	179.95	190.84	-143.69	341.63	300.69	40.94	8.345	
7,900.00	7,842.49	7,851.75	7,842.49	22.65	20.90	179.95	190.84	-143.69	341.63	300.08	41.55	8.222	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26J3DS - NBU 921-26J3DS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 144-MWD, 2408-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
8,000.00	7,942.49	7,951.75	7,942.49	22.93	21.21	179.95	190.84	-143.69	341.63	299.47	42.16	8.103	
8,100.00	8,042.49	8,051.75	8,042.49	23.21	21.51	179.95	190.84	-143.69	341.63	298.85	42.78	7.987	
8,200.00	8,142.49	8,151.75	8,142.49	23.49	21.82	179.95	190.84	-143.69	341.63	298.24	43.39	7.873	
8,300.00	8,242.49	8,251.75	8,242.49	23.78	22.13	179.95	190.84	-143.69	341.63	297.62	44.00	7.763	
8,400.00	8,342.49	8,351.75	8,342.49	24.06	22.44	179.95	190.84	-143.69	341.63	297.01	44.62	7.656	
8,500.00	8,442.49	8,451.75	8,442.49	24.35	22.74	179.95	190.84	-143.69	341.63	296.39	45.24	7.552	
8,600.00	8,542.49	8,551.75	8,542.49	24.63	23.05	179.95	190.84	-143.69	341.63	295.77	45.85	7.450	
8,700.00	8,642.49	8,651.75	8,642.49	24.92	23.36	179.95	190.84	-143.69	341.63	295.16	46.47	7.352	
8,800.00	8,742.49	8,751.75	8,742.49	25.21	23.67	179.95	190.84	-143.69	341.63	294.54	47.09	7.255	
8,900.00	8,842.49	8,851.75	8,842.49	25.50	23.98	179.95	190.84	-143.69	341.63	293.92	47.71	7.161	
9,000.00	8,942.49	8,951.75	8,942.49	25.78	24.29	179.95	190.84	-143.69	341.63	293.30	48.32	7.069	
9,100.00	9,042.49	9,051.75	9,042.49	26.07	24.60	179.95	190.84	-143.69	341.63	292.68	48.94	6.980	
9,200.00	9,142.49	9,151.75	9,142.49	26.36	24.91	179.95	190.84	-143.69	341.63	292.06	49.56	6.893	
9,300.00	9,242.49	9,251.75	9,242.49	26.66	25.22	179.95	190.84	-143.69	341.63	291.44	50.18	6.808	
9,400.00	9,342.49	9,351.75	9,342.49	26.95	25.53	179.95	190.84	-143.69	341.63	290.82	50.80	6.724	
9,500.00	9,442.49	9,451.75	9,442.49	27.24	25.84	179.95	190.84	-143.69	341.63	290.20	51.42	6.643	
9,600.00	9,542.49	9,551.75	9,542.49	27.53	26.15	179.95	190.84	-143.69	341.63	289.58	52.05	6.564	
9,700.00	9,642.49	9,651.75	9,642.49	27.83	26.46	179.95	190.84	-143.69	341.63	288.96	52.67	6.487	
9,800.00	9,742.49	9,751.75	9,742.49	28.12	26.77	179.95	190.84	-143.69	341.63	288.34	53.29	6.411	SF
9,900.00	9,842.49	9,774.26	9,765.00	28.41	26.84	179.95	190.84	-143.69	350.31	296.64	53.67	6.527	
10,000.00	9,942.49	9,774.26	9,765.00	28.71	26.84	179.95	190.84	-143.69	384.98	331.01	53.98	7.132	
10,100.00	10,042.49	9,774.26	9,765.00	29.00	26.84	179.95	190.84	-143.69	440.13	385.84	54.29	8.108	
10,200.00	10,142.49	9,774.26	9,765.00	29.30	26.84	179.95	190.84	-143.69	509.13	454.53	54.60	9.325	
10,300.00	10,242.49	9,774.26	9,765.00	29.60	26.84	179.95	190.84	-143.69	587.12	532.21	54.91	10.693	
10,400.00	10,342.49	9,774.26	9,765.00	29.89	26.84	179.95	190.84	-143.69	670.97	615.76	55.22	12.152	
10,500.00	10,442.49	9,774.26	9,765.00	30.19	26.84	179.95	190.84	-143.69	758.75	703.23	55.53	13.665	
10,600.00	10,542.49	9,774.26	9,765.00	30.49	26.84	179.95	190.84	-143.69	849.24	793.40	55.84	15.210	
10,700.00	10,642.49	9,774.26	9,765.00	30.79	26.84	179.95	190.84	-143.69	941.65	885.50	56.15	16.771	
10,797.51	10,740.00	9,774.26	9,765.00	31.08	26.84	179.95	190.84	-143.69	1,033.12	976.67	56.45	18.302	

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O1BS - NBU 921-26O1BS - NBU 921-26O1BS

Offset Site Error: 0.00 ft

Survey Program: 139-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	-90.00	0.00	-10.08	10.08				
169.00	169.00	168.92	168.92	0.16	0.19	-50.84	0.30	-10.83	10.62	10.27	0.35	30.073	
199.00	199.00	198.90	198.90	0.23	0.26	-61.77	0.37	-11.08	10.79	10.30	0.49	22.222	
228.00	228.00	227.90	227.90	0.29	0.32	-61.54	0.44	-11.35	10.93	10.32	0.61	17.886	
256.00	256.00	255.90	255.89	0.36	0.38	-79.48	0.54	-11.61	11.08	10.35	0.73	15.178	
285.00	284.99	284.88	284.87	0.42	0.44	-88.94	0.56	-11.89	11.30	10.44	0.85	13.231	
313.00	312.97	312.83	312.82	0.49	0.50	-85.16	0.48	-12.21	11.57	10.59	0.98	11.839	
342.00	341.95	341.74	341.73	0.56	0.56	-90.52	0.23	-12.61	11.98	10.87	1.11	10.810	
371.00	370.90	370.56	370.54	0.63	0.62	-96.72	-0.33	-13.10	12.74	11.50	1.24	10.260	SF
401.00	400.82	400.28	400.24	0.70	0.69	-110.65	-1.26	-13.73	14.31	12.92	1.39	10.291	
430.00	429.72	428.86	428.78	0.77	0.76	-119.84	-2.51	-14.47	16.76	15.22	1.54	10.896	
461.00	460.59	459.30	459.15	0.85	0.83	-128.95	-4.23	-15.41	20.34	18.65	1.70	11.980	
490.00	489.45	487.70	487.47	0.92	0.90	-134.62	-6.16	-16.39	24.41	22.56	1.84	13.245	
517.00	516.33	514.18	513.86	0.99	0.97	-138.55	-8.15	-17.39	28.57	26.60	1.97	14.480	
547.00	546.19	543.62	543.18	1.06	1.04	-143.99	-10.47	-18.57	33.45	31.34	2.11	15.885	
578.00	577.04	573.96	573.39	1.14	1.12	-146.59	-12.98	-19.83	38.84	36.59	2.25	17.273	
608.00	606.85	603.49	602.79	1.22	1.19	-147.50	-15.47	-21.01	44.42	42.04	2.38	18.629	
638.00	636.63	632.80	631.97	1.31	1.26	-147.25	-17.93	-22.17	50.22	47.70	2.52	19.921	
668.00	666.35	661.98	661.02	1.40	1.33	-147.55	-20.42	-23.42	56.40	53.74	2.66	21.192	
698.00	696.01	691.03	689.93	1.50	1.40	-150.34	-22.95	-24.75	63.10	60.30	2.81	22.493	
728.00	725.60	720.24	719.00	1.60	1.47	-150.36	-25.51	-26.16	70.28	67.33	2.95	23.839	
758.00	755.10	749.48	748.10	1.71	1.55	-152.93	-27.97	-27.56	77.81	74.72	3.09	25.155	
788.00	784.51	778.65	777.14	1.82	1.62	-153.66	-30.33	-28.96	85.69	82.45	3.24	26.467	
818.00	813.85	807.53	805.90	1.94	1.69	-154.70	-32.60	-30.35	93.83	90.45	3.38	27.765	
848.00	843.14	836.22	834.46	2.07	1.76	-157.18	-34.87	-31.72	102.28	98.76	3.52	29.057	
878.00	872.36	864.80	862.92	2.19	1.84	-160.07	-37.15	-33.09	111.09	107.43	3.66	30.361	
968.00	959.83	949.59	947.32	2.59	2.07	-162.15	-44.16	-37.24	138.78	134.70	4.09	33.944	
1,058.00	1,047.08	1,035.97	1,033.28	3.01	2.29	-161.08	-51.42	-41.50	167.44	162.92	4.52	37.033	
1,148.00	1,134.31	1,121.86	1,118.84	3.40	2.50	-161.39	-58.05	-45.29	195.39	190.47	4.93	39.672	
1,238.00	1,221.68	1,207.18	1,203.82	3.79	2.72	-161.16	-64.68	-48.84	222.85	217.52	5.33	41.796	
1,328.00	1,308.97	1,292.42	1,288.71	4.21	2.95	-162.13	-71.45	-52.54	250.74	244.97	5.77	43.480	
1,418.00	1,396.43	1,378.22	1,374.13	4.62	3.17	-161.94	-78.29	-56.98	278.00	271.80	6.21	44.795	
1,508.00	1,484.27	1,464.54	1,460.06	4.98	3.40	-164.61	-85.12	-61.47	303.76	297.14	6.62	45.900	
1,598.00	1,572.12	1,551.97	1,547.10	5.36	3.62	-162.51	-91.96	-66.13	329.43	322.39	7.04	46.766	
1,688.00	1,659.75	1,638.83	1,633.66	5.77	3.84	-159.45	-98.31	-69.36	355.29	347.80	7.48	47.472	
1,778.00	1,747.24	1,724.38	1,718.93	6.20	4.05	-160.16	-104.70	-71.98	381.67	373.75	7.92	48.207	
1,868.00	1,834.80	1,810.03	1,804.31	6.60	4.26	-164.69	-111.04	-74.50	407.99	399.64	8.34	48.912	
1,958.00	1,922.45	1,894.27	1,888.24	6.99	4.48	-167.84	-117.61	-77.31	434.59	425.84	8.75	49.668	
2,048.00	2,009.98	1,980.47	1,974.10	7.41	4.71	-167.68	-124.50	-80.62	461.93	452.75	9.18	50.309	
2,138.00	2,097.47	2,068.95	2,062.25	7.81	4.93	-168.67	-131.18	-84.54	489.05	479.43	9.62	50.834	
2,228.00	2,185.32	2,155.68	2,148.67	8.19	5.15	-165.85	-137.50	-88.11	514.44	504.37	10.07	51.097	
2,318.00	2,273.45	2,242.45	2,235.16	8.55	5.36	-164.08	-143.70	-91.52	538.23	527.74	10.49	51.311	
2,408.00	2,361.49	2,324.14	2,316.53	8.93	5.58	-165.85	-150.00	-94.96	562.97	552.07	10.90	51.651	
2,437.00	2,389.80	2,352.38	2,344.65	9.06	5.65	-165.49	-152.29	-96.21	571.29	560.25	11.04	51.749	
2,500.00	2,451.28	2,408.00	2,400.03	9.34	5.80	-165.53	-156.72	-98.74	589.45	578.11	11.34	51.969	
2,542.20	2,492.45	2,408.00	2,400.03	9.53	5.80	-165.53	-156.72	-98.74	603.30	591.84	11.46	52.622	
2,565.99	2,515.65	2,408.00	2,400.03	9.64	5.80	-167.65	-156.72	-98.74	612.38	600.87	11.52	53.169	
2,586.42	2,535.53	2,408.00	2,400.03	9.74	5.80	-167.65	-156.72	-98.74	620.90	609.32	11.58	53.628	
2,600.00	2,548.76	2,408.00	2,400.03	9.80	5.80	-167.68	-156.72	-98.74	626.84	615.22	11.62	53.939	
2,700.00	2,646.55	2,408.00	2,400.03	10.22	5.80	-167.89	-156.72	-98.74	676.00	664.08	11.92	56.710	
2,800.00	2,744.93	2,408.00	2,400.03	10.60	5.80	-168.14	-156.72	-98.74	733.22	721.02	12.21	60.072	
2,900.00	2,843.81	2,408.00	2,400.03	10.94	5.80	-168.43	-156.72	-98.74	796.72	784.25	12.47	63.866	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

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Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O1BS - NBU 921-26O1BS - NBU 921-26O1BS

Offset Site Error: 0.00 ft

Survey Program: 139-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
3,000.00	2,943.10	2,408.00	2,400.03	11.25	5.80	-168.76	-156.72	-98.74	865.06	852.34	12.73	67.974	
3,100.00	3,042.71	2,408.00	2,400.03	11.52	5.80	-169.11	-156.72	-98.74	937.14	924.18	12.96	72.312	
3,200.00	3,142.53	2,408.00	2,400.03	11.74	5.80	-169.47	-156.72	-98.74	1,012.08	998.91	13.17	76.824	
3,300.00	3,242.49	2,408.00	2,400.03	11.93	5.80	-169.86	-156.72	-98.74	1,089.24	1,075.87	13.37	81.469	
3,339.51	3,282.00	2,408.00	2,400.03	11.99	5.80	176.25	-156.72	-98.74	1,120.22	1,106.78	13.44	83.334	
3,400.00	3,342.49	2,408.00	2,400.03	12.08	5.80	176.25	-156.72	-98.74	1,168.44	1,154.87	13.57	86.087	
3,500.00	3,442.49	2,408.00	2,400.03	12.23	5.80	176.25	-156.72	-98.74	1,250.50	1,236.71	13.79	90.680	
3,600.00	3,542.49	2,408.00	2,400.03	12.39	5.80	176.25	-156.72	-98.74	1,335.01	1,320.99	14.01	95.263	
3,700.00	3,642.49	2,408.00	2,400.03	12.56	5.80	176.25	-156.72	-98.74	1,421.53	1,407.28	14.24	99.804	
3,800.00	3,742.49	2,408.00	2,400.03	12.73	5.80	176.25	-156.72	-98.74	1,509.71	1,495.23	14.48	104.278	
3,900.00	3,842.49	2,408.00	2,400.03	12.90	5.80	176.25	-156.72	-98.74	1,599.29	1,584.57	14.72	108.668	
4,000.00	3,942.49	2,408.00	2,400.03	13.08	5.80	176.25	-156.72	-98.74	1,690.03	1,675.07	14.96	112.962	
4,100.00	4,042.49	2,408.00	2,400.03	13.27	5.80	176.25	-156.72	-98.74	1,781.77	1,766.56	15.21	117.151	
4,200.00	4,142.49	2,408.00	2,400.03	13.46	5.80	176.25	-156.72	-98.74	1,874.35	1,858.89	15.46	121.229	
4,300.00	4,242.49	2,408.00	2,400.03	13.66	5.80	176.25	-156.72	-98.74	1,967.66	1,951.94	15.72	125.194	
4,400.00	4,342.49	2,408.00	2,400.03	13.86	5.80	176.25	-156.72	-98.74	2,061.60	2,045.62	15.98	129.045	
4,500.00	4,442.49	2,408.00	2,400.03	14.07	5.80	176.25	-156.72	-98.74	2,156.08	2,139.84	16.24	132.781	
4,600.00	4,542.49	2,408.00	2,400.03	14.27	5.80	176.25	-156.72	-98.74	2,251.04	2,234.53	16.50	136.404	
4,700.00	4,642.49	2,408.00	2,400.03	14.49	5.80	176.25	-156.72	-98.74	2,346.41	2,329.64	16.77	139.915	
4,800.00	4,742.49	2,408.00	2,400.03	14.70	5.80	176.25	-156.72	-98.74	2,442.16	2,425.12	17.04	143.316	
4,900.00	4,842.49	2,408.00	2,400.03	14.93	5.80	176.25	-156.72	-98.74	2,538.24	2,520.92	17.31	146.610	
5,000.00	4,942.49	2,408.00	2,400.03	15.15	5.80	176.25	-156.72	-98.74	2,634.60	2,617.02	17.59	149.800	
5,100.00	5,042.49	2,408.00	2,400.03	15.38	5.80	176.25	-156.72	-98.74	2,731.23	2,713.37	17.86	152.889	
5,200.00	5,142.49	2,408.00	2,400.03	15.61	5.80	176.25	-156.72	-98.74	2,828.10	2,809.95	18.14	155.881	
5,300.00	5,242.49	2,408.00	2,400.03	15.84	5.80	176.25	-156.72	-98.74	2,925.17	2,906.75	18.42	158.778	
5,400.00	5,342.49	2,408.00	2,400.03	16.08	5.80	176.25	-156.72	-98.74	3,022.43	3,003.73	18.71	161.584	
5,500.00	5,442.49	2,408.00	2,400.03	16.32	5.80	176.25	-156.72	-98.74	3,119.87	3,100.88	18.99	164.302	
5,600.00	5,542.49	2,408.00	2,400.03	16.56	5.80	176.25	-156.72	-98.74	3,217.47	3,198.19	19.27	166.936	
5,700.00	5,642.49	2,408.00	2,400.03	16.80	5.80	176.25	-156.72	-98.74	3,315.20	3,295.64	19.56	169.488	
5,800.00	5,742.49	2,408.00	2,400.03	17.05	5.80	176.25	-156.72	-98.74	3,413.07	3,393.23	19.85	171.962	
5,900.00	5,842.49	2,408.00	2,400.03	17.30	5.80	176.25	-156.72	-98.74	3,511.06	3,490.93	20.14	174.361	
6,000.00	5,942.49	2,408.00	2,400.03	17.55	5.80	176.25	-156.72	-98.74	3,609.16	3,588.74	20.43	176.687	
6,100.00	6,042.49	2,408.00	2,400.03	17.80	5.80	176.25	-156.72	-98.74	3,707.36	3,686.65	20.72	178.943	
6,200.00	6,142.49	2,408.00	2,400.03	18.06	5.80	176.25	-156.72	-98.74	3,805.66	3,784.65	21.01	181.132	
6,300.00	6,242.49	2,408.00	2,400.03	18.32	5.80	176.25	-156.72	-98.74	3,904.04	3,882.74	21.30	183.257	
6,400.00	6,342.49	2,408.00	2,400.03	18.58	5.80	176.25	-156.72	-98.74	4,002.50	3,980.91	21.60	185.320	
6,500.00	6,442.49	2,408.00	2,400.03	18.84	5.80	176.25	-156.72	-98.74	4,101.04	4,079.15	21.89	187.324	
6,600.00	6,542.49	2,408.00	2,400.03	19.10	5.80	176.25	-156.72	-98.74	4,199.64	4,177.46	22.19	189.270	
6,700.00	6,642.49	2,408.00	2,400.03	19.37	5.80	176.25	-156.72	-98.74	4,298.31	4,275.83	22.49	191.162	
6,800.00	6,742.49	2,408.00	2,400.03	19.63	5.80	176.25	-156.72	-98.74	4,397.04	4,374.26	22.78	193.000	
6,900.00	6,842.49	2,408.00	2,400.03	19.90	5.80	176.25	-156.72	-98.74	4,495.83	4,472.75	23.08	194.787	
7,000.00	6,942.49	2,408.00	2,400.03	20.17	5.80	176.25	-156.72	-98.74	4,594.67	4,571.29	23.38	196.526	
7,100.00	7,042.49	2,408.00	2,400.03	20.44	5.80	176.25	-156.72	-98.74	4,693.56	4,669.88	23.68	198.217	
7,200.00	7,142.49	2,408.00	2,400.03	20.71	5.80	176.25	-156.72	-98.74	4,792.49	4,768.51	23.98	199.863	
7,300.00	7,242.49	2,408.00	2,400.03	20.98	5.80	176.25	-156.72	-98.74	4,891.47	4,867.19	24.28	201.465	
7,400.00	7,342.49	2,408.00	2,400.03	21.26	5.80	176.25	-156.72	-98.74	4,990.49	4,965.91	24.58	203.025	
7,500.00	7,442.49	2,408.00	2,400.03	21.53	5.80	176.25	-156.72	-98.74	5,089.54	5,064.66	24.88	204.545	
7,600.00	7,542.49	2,408.00	2,400.03	21.81	5.80	176.25	-156.72	-98.74	5,188.64	5,163.45	25.18	206.025	
7,700.00	7,642.49	2,408.00	2,400.03	22.09	5.80	176.25	-156.72	-98.74	5,287.76	5,262.28	25.49	207.468	
7,800.00	7,742.49	2,408.00	2,400.03	22.37	5.80	176.25	-156.72	-98.74	5,386.92	5,361.13	25.79	208.875	
7,900.00	7,842.49	2,408.00	2,400.03	22.65	5.80	176.25	-156.72	-98.74	5,486.11	5,460.02	26.09	210.246	
8,000.00	7,942.49	2,408.00	2,400.03	22.93	5.80	176.25	-156.72	-98.74	5,585.33	5,558.93	26.40	211.583	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O1BS - NBU 921-26O1BS - NBU 921-26O1BS

Offset Site Error: 0.00 ft

Survey Program: 139-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
8,100.00	8,042.49	2,408.00	2,400.03	23.21	5.80	176.25	-156.72	-98.74	5,684.58	5,657.87	26.70	212.888	
8,200.00	8,142.49	2,408.00	2,400.03	23.49	5.80	176.25	-156.72	-98.74	5,783.85	5,756.84	27.01	214.162	
8,300.00	8,242.49	2,408.00	2,400.03	23.78	5.80	176.25	-156.72	-98.74	5,883.14	5,855.83	27.31	215.405	
8,400.00	8,342.49	2,408.00	2,400.03	24.06	5.80	176.25	-156.72	-98.74	5,982.46	5,954.85	27.62	216.618	
8,500.00	8,442.49	2,408.00	2,400.03	24.35	5.80	176.25	-156.72	-98.74	6,081.81	6,053.88	27.92	217.804	
8,600.00	8,542.49	2,408.00	2,400.03	24.63	5.80	176.25	-156.72	-98.74	6,181.17	6,152.94	28.23	218.961	
8,700.00	8,642.49	2,408.00	2,400.03	24.92	5.80	176.25	-156.72	-98.74	6,280.55	6,252.02	28.54	220.092	
8,800.00	8,742.49	2,408.00	2,400.03	25.21	5.80	176.25	-156.72	-98.74	6,379.96	6,351.11	28.84	221.198	
8,900.00	8,842.49	2,408.00	2,400.03	25.50	5.80	176.25	-156.72	-98.74	6,479.38	6,450.23	29.15	222.278	
9,000.00	8,942.49	2,408.00	2,400.03	25.78	5.80	176.25	-156.72	-98.74	6,578.82	6,549.36	29.46	223.335	
9,100.00	9,042.49	2,408.00	2,400.03	26.07	5.80	176.25	-156.72	-98.74	6,678.27	6,648.51	29.76	224.368	
9,200.00	9,142.49	2,408.00	2,400.03	26.36	5.80	176.25	-156.72	-98.74	6,777.74	6,747.67	30.07	225.379	
9,300.00	9,242.49	2,408.00	2,400.03	26.66	5.80	176.25	-156.72	-98.74	6,877.23	6,846.85	30.38	226.368	
9,400.00	9,342.49	2,408.00	2,400.03	26.95	5.80	176.25	-156.72	-98.74	6,976.73	6,946.04	30.69	227.336	
9,500.00	9,442.49	2,408.00	2,400.03	27.24	5.80	176.25	-156.72	-98.74	7,076.25	7,045.25	31.00	228.283	
9,600.00	9,542.49	2,408.00	2,400.03	27.53	5.80	176.25	-156.72	-98.74	7,175.78	7,144.47	31.31	229.210	
9,700.00	9,642.49	2,408.00	2,400.03	27.83	5.80	176.25	-156.72	-98.74	7,275.32	7,243.70	31.62	230.118	
9,800.00	9,742.49	2,408.00	2,400.03	28.12	5.80	176.25	-156.72	-98.74	7,374.87	7,342.95	31.92	231.008	
9,900.00	9,842.49	2,408.00	2,400.03	28.41	5.80	176.25	-156.72	-98.74	7,474.44	7,442.21	32.23	231.879	
10,000.00	9,942.49	2,408.00	2,400.03	28.71	5.80	176.25	-156.72	-98.74	7,574.02	7,541.47	32.54	232.732	
10,100.00	10,042.49	2,408.00	2,400.03	29.00	5.80	176.25	-156.72	-98.74	7,673.61	7,640.75	32.85	233.569	
10,200.00	10,142.49	2,408.00	2,400.03	29.30	5.80	176.25	-156.72	-98.74	7,773.21	7,740.04	33.16	234.389	
10,300.00	10,242.49	2,408.00	2,400.03	29.60	5.80	176.25	-156.72	-98.74	7,872.82	7,839.34	33.47	235.193	
10,400.00	10,342.49	2,408.00	2,400.03	29.89	5.80	176.25	-156.72	-98.74	7,972.43	7,938.65	33.78	235.981	
10,500.00	10,442.49	2,408.00	2,400.03	30.19	5.80	176.25	-156.72	-98.74	8,072.06	8,037.97	34.09	236.754	
10,600.00	10,542.49	2,408.00	2,400.03	30.49	5.80	176.25	-156.72	-98.74	8,171.70	8,137.30	34.41	237.512	
10,700.00	10,642.49	2,408.00	2,400.03	30.79	5.80	176.25	-156.72	-98.74	8,271.35	8,236.63	34.72	238.256	
10,797.51	10,740.00	2,408.00	2,400.03	31.08	5.80	176.25	-156.72	-98.74	8,368.52	8,333.50	35.02	238.968	

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O1BS - NBU 921-26O1BS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 139-MWD, 2408-

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	-90.00	0.00	-10.08	10.08				
169.00	169.00	168.92	168.92	0.16	0.19	-50.84	0.30	-10.83	10.62	10.27	0.35	30.073	
199.00	199.00	198.90	198.90	0.23	0.26	-61.77	0.37	-11.08	10.79	10.30	0.49	22.222	
228.00	228.00	227.90	227.90	0.29	0.32	-61.54	0.44	-11.35	10.93	10.32	0.61	17.886	
256.00	256.00	255.90	255.89	0.36	0.38	-79.48	0.54	-11.61	11.08	10.35	0.73	15.178	
285.00	284.99	284.88	284.87	0.42	0.44	-88.94	0.56	-11.89	11.30	10.44	0.85	13.231	
313.00	312.97	312.83	312.82	0.49	0.50	-85.16	0.48	-12.21	11.57	10.59	0.98	11.839	
342.00	341.95	341.74	341.73	0.56	0.56	-90.52	0.23	-12.61	11.98	10.87	1.11	10.810	
371.00	370.90	370.56	370.54	0.63	0.62	-96.72	-0.33	-13.10	12.74	11.50	1.24	10.260	SF
401.00	400.82	400.28	400.24	0.70	0.69	-110.65	-1.26	-13.73	14.31	12.92	1.39	10.291	
430.00	429.72	428.86	428.78	0.77	0.76	-119.84	-2.51	-14.47	16.76	15.22	1.54	10.896	
461.00	460.59	459.30	459.15	0.85	0.83	-128.95	-4.23	-15.41	20.34	18.65	1.70	11.980	
490.00	489.45	487.70	487.47	0.92	0.90	-134.62	-6.16	-16.39	24.41	22.56	1.84	13.245	
517.00	516.33	514.18	513.86	0.99	0.97	-138.55	-8.15	-17.39	28.57	26.60	1.97	14.480	
547.00	546.19	543.62	543.18	1.06	1.04	-143.99	-10.47	-18.57	33.45	31.34	2.11	15.885	
578.00	577.04	573.96	573.39	1.14	1.12	-146.59	-12.98	-19.83	38.84	36.59	2.25	17.273	
608.00	606.85	603.49	602.79	1.22	1.19	-147.50	-15.47	-21.01	44.42	42.04	2.38	18.629	
638.00	636.63	632.80	631.97	1.31	1.26	-147.25	-17.93	-22.17	50.22	47.70	2.52	19.921	
668.00	666.35	661.98	661.02	1.40	1.33	-147.55	-20.42	-23.42	56.40	53.74	2.66	21.192	
698.00	696.01	691.03	689.93	1.50	1.40	-150.34	-22.95	-24.75	63.10	60.30	2.81	22.493	
728.00	725.60	720.24	719.00	1.60	1.47	-150.36	-25.51	-26.16	70.28	67.33	2.95	23.839	
758.00	755.10	749.48	748.10	1.71	1.55	-152.93	-27.97	-27.56	77.81	74.72	3.09	25.155	
788.00	784.51	778.65	777.14	1.82	1.62	-153.66	-30.33	-28.96	85.69	82.45	3.24	26.467	
818.00	813.85	807.53	805.90	1.94	1.69	-154.70	-32.60	-30.35	93.83	90.45	3.38	27.765	
848.00	843.14	836.22	834.46	2.07	1.76	-157.18	-34.87	-31.72	102.28	98.76	3.52	29.057	
878.00	872.36	864.80	862.92	2.19	1.84	-160.07	-37.15	-33.09	111.09	107.43	3.66	30.361	
968.00	959.83	949.59	947.32	2.59	2.07	-162.15	-44.16	-37.24	138.78	134.70	4.09	33.944	
1,058.00	1,047.08	1,035.97	1,033.28	3.01	2.29	-161.08	-51.42	-41.50	167.44	162.92	4.52	37.033	
1,148.00	1,134.31	1,121.86	1,118.84	3.40	2.50	-161.39	-58.05	-45.29	195.39	190.47	4.93	39.672	
1,238.00	1,221.68	1,207.18	1,203.82	3.79	2.72	-161.16	-64.68	-48.84	222.85	217.52	5.33	41.796	
1,328.00	1,308.97	1,292.42	1,288.71	4.21	2.95	-162.13	-71.45	-52.54	250.74	244.97	5.77	43.480	
1,418.00	1,396.43	1,378.22	1,374.13	4.62	3.17	-161.94	-78.29	-56.98	278.00	271.80	6.21	44.795	
1,508.00	1,484.27	1,464.54	1,460.06	4.98	3.40	-164.61	-85.12	-61.47	303.76	297.14	6.62	45.900	
1,598.00	1,572.12	1,551.97	1,547.10	5.36	3.62	-162.51	-91.96	-66.13	329.43	322.39	7.04	46.766	
1,688.00	1,659.75	1,638.83	1,633.66	5.77	3.84	-159.45	-98.31	-69.36	355.29	347.80	7.48	47.472	
1,778.00	1,747.24	1,724.38	1,718.93	6.20	4.05	-160.16	-104.70	-71.98	381.67	373.75	7.92	48.207	
1,868.00	1,834.80	1,810.03	1,804.31	6.60	4.26	-164.69	-111.04	-74.50	407.99	399.64	8.34	48.912	
1,958.00	1,922.45	1,894.27	1,888.24	6.99	4.48	-167.84	-117.61	-77.31	434.59	425.84	8.75	49.668	
2,048.00	2,009.98	1,980.47	1,974.10	7.41	4.71	-167.68	-124.50	-80.62	461.93	452.75	9.18	50.309	
2,138.00	2,097.47	2,068.95	2,062.25	7.81	4.93	-168.67	-131.18	-84.54	489.05	479.43	9.62	50.834	
2,228.00	2,185.32	2,155.68	2,148.67	8.19	5.15	-165.85	-137.50	-88.11	514.44	504.37	10.07	51.097	
2,318.00	2,273.45	2,242.45	2,235.16	8.55	5.36	-164.08	-143.70	-91.52	538.23	527.74	10.49	51.311	
2,408.00	2,361.49	2,324.14	2,316.53	8.93	5.58	-165.85	-150.00	-94.96	562.97	552.07	10.90	51.651	
2,437.00	2,389.80	2,352.38	2,344.65	9.06	5.65	-165.49	-152.29	-96.21	571.29	560.25	11.04	51.749	
2,500.00	2,451.28	2,413.64	2,405.65	9.34	5.81	-165.53	-157.16	-99.00	589.43	578.07	11.36	51.904	
2,542.20	2,492.45	2,454.06	2,445.90	9.53	5.92	-165.56	-160.35	-100.87	601.54	589.97	11.58	51.963	
2,565.99	2,515.65	2,476.82	2,468.56	9.64	5.98	-167.65	-162.15	-101.93	608.50	596.82	11.69	52.074	
2,586.42	2,535.53	2,497.24	2,488.90	9.74	6.03	-167.65	-163.76	-102.87	614.58	602.79	11.79	52.106	
2,600.00	2,548.76	2,516.00	2,507.59	9.80	6.08	-167.67	-165.12	-103.71	618.52	606.65	11.88	52.073	
2,700.00	2,646.55	2,633.18	2,624.56	10.22	6.36	-167.84	-170.49	-107.99	643.21	630.78	12.43	51.742	
2,800.00	2,744.93	2,743.15	2,734.47	10.60	6.60	-168.05	-173.32	-110.51	663.19	650.23	12.96	51.162	
2,900.00	2,843.81	2,852.51	2,843.81	10.94	6.83	-168.33	-174.09	-111.20	678.44	664.97	13.47	50.356	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O1BS - NBU 921-26O1BS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 139-MWD, 2408-

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
3,000.00	2,943.10	2,951.80	2,943.10	11.25	7.04	-168.57	-174.09	-111.20	690.07	676.12	13.95	49.457	
3,100.00	3,042.71	3,051.40	3,042.71	11.52	7.25	-168.74	-174.09	-111.20	698.73	684.31	14.42	48.442	
3,200.00	3,142.53	3,151.23	3,142.53	11.74	7.47	-168.85	-174.09	-111.20	704.41	689.52	14.89	47.322	
3,300.00	3,242.49	3,251.19	3,242.49	11.93	7.70	-168.90	-174.09	-111.20	707.09	691.75	15.33	46.109	
3,339.51	3,282.00	3,290.70	3,282.00	11.99	7.79	177.34	-174.09	-111.20	707.32	691.81	15.51	45.608	
3,400.00	3,342.49	3,351.19	3,342.49	12.08	7.93	177.34	-174.09	-111.20	707.32	691.53	15.79	44.794	
3,500.00	3,442.49	3,451.19	3,442.49	12.23	8.17	177.34	-174.09	-111.20	707.32	691.06	16.26	43.497	
3,600.00	3,542.49	3,551.19	3,542.49	12.39	8.42	177.34	-174.09	-111.20	707.32	690.58	16.74	42.246	
3,700.00	3,642.49	3,651.19	3,642.49	12.56	8.66	177.34	-174.09	-111.20	707.32	690.09	17.23	41.041	
3,800.00	3,742.49	3,751.19	3,742.49	12.73	8.92	177.34	-174.09	-111.20	707.32	689.59	17.73	39.883	
3,900.00	3,842.49	3,851.19	3,842.49	12.90	9.18	177.34	-174.09	-111.20	707.32	689.08	18.24	38.770	
4,000.00	3,942.49	3,951.19	3,942.49	13.08	9.44	177.34	-174.09	-111.20	707.32	688.56	18.76	37.703	
4,100.00	4,042.49	4,051.19	4,042.49	13.27	9.70	177.34	-174.09	-111.20	707.32	688.04	19.28	36.679	
4,200.00	4,142.49	4,151.19	4,142.49	13.46	9.97	177.34	-174.09	-111.20	707.32	687.51	19.81	35.698	
4,300.00	4,242.49	4,251.19	4,242.49	13.66	10.24	177.34	-174.09	-111.20	707.32	686.97	20.35	34.758	
4,400.00	4,342.49	4,351.19	4,342.49	13.86	10.52	177.34	-174.09	-111.20	707.32	686.43	20.89	33.857	
4,500.00	4,442.49	4,451.19	4,442.49	14.07	10.79	177.34	-174.09	-111.20	707.32	685.88	21.44	32.994	
4,600.00	4,542.49	4,551.19	4,542.49	14.27	11.07	177.34	-174.09	-111.20	707.32	685.33	21.99	32.167	
4,700.00	4,642.49	4,651.19	4,642.49	14.49	11.35	177.34	-174.09	-111.20	707.32	684.78	22.55	31.374	
4,800.00	4,742.49	4,751.19	4,742.49	14.70	11.63	177.34	-174.09	-111.20	707.32	684.22	23.10	30.613	
4,900.00	4,842.49	4,851.19	4,842.49	14.93	11.92	177.34	-174.09	-111.20	707.32	683.65	23.67	29.884	
5,000.00	4,942.49	4,951.19	4,942.49	15.15	12.20	177.34	-174.09	-111.20	707.32	683.09	24.24	29.185	
5,100.00	5,042.49	5,051.19	5,042.49	15.38	12.49	177.34	-174.09	-111.20	707.32	682.51	24.81	28.514	
5,200.00	5,142.49	5,151.19	5,142.49	15.61	12.78	177.34	-174.09	-111.20	707.32	681.94	25.38	27.869	
5,300.00	5,242.49	5,251.19	5,242.49	15.84	13.07	177.34	-174.09	-111.20	707.32	681.36	25.96	27.250	
5,400.00	5,342.49	5,351.19	5,342.49	16.08	13.36	177.34	-174.09	-111.20	707.32	680.79	26.54	26.656	
5,500.00	5,442.49	5,451.19	5,442.49	16.32	13.65	177.34	-174.09	-111.20	707.32	680.20	27.12	26.084	
5,600.00	5,542.49	5,551.19	5,542.49	16.56	13.94	177.34	-174.09	-111.20	707.32	679.62	27.70	25.534	
5,700.00	5,642.49	5,651.19	5,642.49	16.80	14.24	177.34	-174.09	-111.20	707.32	679.03	28.29	25.005	
5,800.00	5,742.49	5,751.19	5,742.49	17.05	14.54	177.34	-174.09	-111.20	707.32	678.45	28.88	24.495	
5,900.00	5,842.49	5,851.19	5,842.49	17.30	14.83	177.34	-174.09	-111.20	707.32	677.86	29.47	24.005	
6,000.00	5,942.49	5,951.19	5,942.49	17.55	15.13	177.34	-174.09	-111.20	707.32	677.26	30.06	23.532	
6,100.00	6,042.49	6,051.19	6,042.49	17.80	15.43	177.34	-174.09	-111.20	707.32	676.67	30.65	23.076	
6,200.00	6,142.49	6,151.19	6,142.49	18.06	15.73	177.34	-174.09	-111.20	707.32	676.07	31.25	22.636	
6,300.00	6,242.49	6,251.19	6,242.49	18.32	16.03	177.34	-174.09	-111.20	707.32	675.48	31.84	22.212	
6,400.00	6,342.49	6,351.19	6,342.49	18.58	16.33	177.34	-174.09	-111.20	707.32	674.88	32.44	21.802	
6,500.00	6,442.49	6,451.19	6,442.49	18.84	16.63	177.34	-174.09	-111.20	707.32	674.28	33.04	21.406	
6,600.00	6,542.49	6,551.19	6,542.49	19.10	16.93	177.34	-174.09	-111.20	707.32	673.68	33.64	21.024	
6,700.00	6,642.49	6,651.19	6,642.49	19.37	17.23	177.34	-174.09	-111.20	707.32	673.07	34.25	20.654	
6,800.00	6,742.49	6,751.19	6,742.49	19.63	17.53	177.34	-174.09	-111.20	707.32	672.47	34.85	20.296	
6,900.00	6,842.49	6,851.19	6,842.49	19.90	17.84	177.34	-174.09	-111.20	707.32	671.87	35.45	19.950	
7,000.00	6,942.49	6,951.19	6,942.49	20.17	18.14	177.34	-174.09	-111.20	707.32	671.26	36.06	19.615	
7,100.00	7,042.49	7,051.19	7,042.49	20.44	18.45	177.34	-174.09	-111.20	707.32	670.65	36.67	19.290	
7,200.00	7,142.49	7,151.19	7,142.49	20.71	18.75	177.34	-174.09	-111.20	707.32	670.05	37.28	18.976	
7,300.00	7,242.49	7,251.19	7,242.49	20.98	19.06	177.34	-174.09	-111.20	707.32	669.44	37.88	18.671	
7,400.00	7,342.49	7,351.19	7,342.49	21.26	19.36	177.34	-174.09	-111.20	707.32	668.83	38.49	18.375	
7,500.00	7,442.49	7,451.19	7,442.49	21.53	19.67	177.34	-174.09	-111.20	707.32	668.22	39.10	18.088	
7,600.00	7,542.49	7,551.19	7,542.49	21.81	19.97	177.34	-174.09	-111.20	707.32	667.61	39.71	17.810	
7,700.00	7,642.49	7,651.19	7,642.49	22.09	20.28	177.34	-174.09	-111.20	707.32	666.99	40.33	17.540	
7,800.00	7,742.49	7,751.19	7,742.49	22.37	20.59	177.34	-174.09	-111.20	707.32	666.38	40.94	17.277	
7,900.00	7,842.49	7,851.19	7,842.49	22.65	20.89	177.34	-174.09	-111.20	707.32	665.77	41.55	17.022	
8,000.00	7,942.49	7,951.19	7,942.49	22.93	21.20	177.34	-174.09	-111.20	707.32	665.15	42.17	16.774	

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Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O1BS - NBU 921-26O1BS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 139-MWD, 2408-

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
8,100.00	8,042.49	8,051.19	8,042.49	23.21	21.51	177.34	-174.09	-111.20	707.32	664.54	42.78	16.533	
8,200.00	8,142.49	8,151.19	8,142.49	23.49	21.82	177.34	-174.09	-111.20	707.32	663.92	43.40	16.299	
8,300.00	8,242.49	8,251.19	8,242.49	23.78	22.13	177.34	-174.09	-111.20	707.32	663.31	44.01	16.071	
8,400.00	8,342.49	8,351.19	8,342.49	24.06	22.44	177.34	-174.09	-111.20	707.32	662.69	44.63	15.849	
8,500.00	8,442.49	8,451.19	8,442.49	24.35	22.74	177.34	-174.09	-111.20	707.32	662.08	45.25	15.633	
8,600.00	8,542.49	8,551.19	8,542.49	24.63	23.05	177.34	-174.09	-111.20	707.32	661.46	45.86	15.422	
8,700.00	8,642.49	8,651.19	8,642.49	24.92	23.36	177.34	-174.09	-111.20	707.32	660.84	46.48	15.217	
8,800.00	8,742.49	8,751.19	8,742.49	25.21	23.67	177.34	-174.09	-111.20	707.32	660.22	47.10	15.018	
8,900.00	8,842.49	8,851.19	8,842.49	25.50	23.98	177.34	-174.09	-111.20	707.32	659.60	47.72	14.823	
9,000.00	8,942.49	8,951.19	8,942.49	25.78	24.29	177.34	-174.09	-111.20	707.32	658.98	48.34	14.633	
9,100.00	9,042.49	9,051.19	9,042.49	26.07	24.60	177.34	-174.09	-111.20	707.32	658.36	48.96	14.448	
9,200.00	9,142.49	9,151.19	9,142.49	26.36	24.91	177.34	-174.09	-111.20	707.32	657.74	49.58	14.267	
9,300.00	9,242.49	9,251.19	9,242.49	26.66	25.22	177.34	-174.09	-111.20	707.32	657.12	50.20	14.091	
9,400.00	9,342.49	9,351.19	9,342.49	26.95	25.54	177.34	-174.09	-111.20	707.32	656.50	50.82	13.918	
9,500.00	9,442.49	9,451.19	9,442.49	27.24	25.85	177.34	-174.09	-111.20	707.32	655.88	51.44	13.750	
9,600.00	9,542.49	9,551.19	9,542.49	27.53	26.16	177.34	-174.09	-111.20	707.32	655.26	52.06	13.586	
9,700.00	9,642.49	9,651.19	9,642.49	27.83	26.47	177.34	-174.09	-111.20	707.32	654.64	52.68	13.426	
9,800.00	9,742.49	9,751.19	9,742.49	28.12	26.78	177.34	-174.09	-111.20	707.32	654.01	53.31	13.269	
9,900.00	9,842.49	9,759.70	9,751.00	28.41	26.81	177.34	-174.09	-111.20	713.21	659.57	53.64	13.296	
10,000.00	9,942.49	9,759.70	9,751.00	28.71	26.81	177.34	-174.09	-111.20	732.78	678.83	53.95	13.582	
10,100.00	10,042.49	9,759.70	9,751.00	29.00	26.81	177.34	-174.09	-111.20	765.03	710.77	54.26	14.099	
10,200.00	10,142.49	9,759.70	9,751.00	29.30	26.81	177.34	-174.09	-111.20	808.44	753.87	54.57	14.814	
10,300.00	10,242.49	9,759.70	9,751.00	29.60	26.81	177.34	-174.09	-111.20	861.32	806.44	54.88	15.694	
10,400.00	10,342.49	9,759.70	9,751.00	29.89	26.81	177.34	-174.09	-111.20	922.04	866.85	55.19	16.706	
10,500.00	10,442.49	9,759.70	9,751.00	30.19	26.81	177.34	-174.09	-111.20	989.17	933.67	55.50	17.822	
10,600.00	10,542.49	9,759.70	9,751.00	30.49	26.81	177.34	-174.09	-111.20	1,061.49	1,005.68	55.81	19.019	
10,700.00	10,642.49	9,759.70	9,751.00	30.79	26.81	177.34	-174.09	-111.20	1,138.01	1,081.88	56.12	20.277	
10,797.51	10,740.00	9,759.70	9,751.00	31.08	26.81	177.34	-174.09	-111.20	1,215.90	1,159.48	56.43	21.549	

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Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O2CS - NBU 921-26O2CS - NBU 921-26O2CS

Offset Site Error: 0.00 ft

Survey Program: 127-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	-91.39	-0.73	-29.97	29.98				
169.00	169.00	168.81	168.80	0.16	0.20	-52.84	-0.69	-30.87	30.68	30.32	0.36	85.745	
199.00	199.00	198.85	198.85	0.23	0.26	-63.59	-0.66	-31.02	30.75	30.26	0.48	63.415	
228.00	228.00	227.83	227.82	0.29	0.32	-62.73	-0.52	-31.18	30.78	30.17	0.61	50.374	
256.00	256.00	255.82	255.81	0.36	0.38	-79.50	-0.25	-31.36	30.84	30.11	0.73	42.034	
285.00	284.99	284.85	284.84	0.42	0.44	-86.28	0.15	-31.53	30.93	30.07	0.86	35.907	
313.00	312.97	312.87	312.86	0.49	0.51	-78.57	0.65	-31.68	30.92	29.93	0.99	31.362	
342.00	341.95	341.88	341.86	0.56	0.57	-78.52	1.20	-31.83	30.79	29.68	1.12	27.605	
371.00	370.90	371.04	371.02	0.63	0.63	-77.55	1.76	-31.86	30.42	29.17	1.25	24.411	
401.00	400.82	401.01	400.98	0.70	0.69	-83.60	2.35	-31.81	29.93	28.55	1.38	21.657	
430.00	429.72	429.96	429.92	0.77	0.76	-86.77	2.93	-31.75	29.55	28.04	1.52	19.490	
461.00	460.59	460.93	460.89	0.85	0.82	-92.03	3.56	-31.65	29.26	27.59	1.66	17.589	
490.00	489.45	489.89	489.84	0.92	0.89	-96.36	4.16	-31.50	29.12	27.31	1.80	16.153	
506.68	506.05	506.55	506.49	0.96	0.92	-98.96	4.51	-31.39	29.09	27.21	1.88	15.451	CC
517.00	516.33	516.85	516.80	0.99	0.95	-100.57	4.73	-31.32	29.10	27.17	1.93	15.057	ES
547.00	546.19	546.75	546.68	1.06	1.01	-107.44	5.37	-31.11	29.30	27.23	2.07	14.168	
578.00	577.04	577.63	577.56	1.14	1.08	-112.43	6.07	-30.94	29.83	27.63	2.21	13.510	
608.00	606.85	607.49	607.41	1.22	1.14	-116.19	6.77	-30.80	30.68	28.33	2.35	13.049	
638.00	636.63	637.30	637.21	1.31	1.20	-119.25	7.45	-30.69	31.83	29.34	2.49	12.779	
668.00	666.35	667.05	666.95	1.40	1.26	-123.32	8.07	-30.58	33.38	30.75	2.63	12.692	SF
698.00	696.01	696.73	696.63	1.50	1.32	-130.14	8.64	-30.47	35.57	32.80	2.77	12.840	
728.00	725.60	726.35	726.24	1.60	1.38	-134.23	9.17	-30.37	38.44	35.53	2.91	13.220	
758.00	755.10	755.88	755.77	1.71	1.44	-140.52	9.67	-30.29	41.99	38.95	3.04	13.793	
788.00	784.51	785.33	785.22	1.82	1.50	-144.60	10.14	-30.23	46.24	43.06	3.18	14.543	
818.00	813.85	814.74	814.62	1.94	1.56	-148.53	10.59	-30.18	51.05	47.73	3.31	15.399	
848.00	843.14	844.10	843.98	2.07	1.62	-153.39	11.03	-30.12	56.33	52.88	3.45	16.338	
878.00	872.36	873.40	873.27	2.19	1.68	-158.19	11.46	-30.06	62.10	58.52	3.58	17.354	
968.00	959.83	961.06	960.92	2.59	1.87	-164.28	12.69	-29.86	80.99	77.01	3.98	20.365	
1,058.00	1,047.08	1,047.48	1,047.34	3.01	2.05	-165.86	13.40	-29.47	101.66	97.27	4.38	23.189	
1,148.00	1,134.31	1,134.05	1,133.91	3.40	2.24	-167.93	13.37	-28.73	123.30	118.52	4.78	25.808	
1,238.00	1,221.68	1,220.85	1,220.71	3.79	2.42	-168.95	12.99	-27.88	144.95	139.79	5.17	28.051	
1,328.00	1,308.97	1,307.82	1,307.67	4.21	2.61	-170.84	12.43	-27.10	167.22	161.64	5.58	29.976	
1,418.00	1,396.43	1,394.69	1,394.53	4.62	2.79	-171.41	11.77	-26.32	188.96	182.97	5.99	31.542	
1,508.00	1,484.27	1,482.18	1,482.01	4.98	2.98	-174.67	10.93	-25.57	209.32	202.94	6.38	32.798	
1,598.00	1,572.12	1,569.30	1,569.13	5.36	3.16	-173.17	10.02	-24.88	229.79	223.01	6.78	33.884	
1,688.00	1,659.75	1,656.70	1,656.52	5.77	3.34	-170.41	8.94	-24.26	251.28	244.09	7.20	34.922	
1,778.00	1,747.24	1,744.58	1,744.40	6.20	3.52	-171.24	7.97	-23.79	273.17	265.57	7.61	35.909	
1,868.00	1,834.80	1,831.86	1,831.66	6.60	3.70	-175.59	7.06	-23.93	294.74	286.72	8.02	36.750	
1,958.00	1,922.45	1,919.41	1,919.21	6.99	3.89	-178.62	6.05	-24.08	316.11	307.69	8.42	37.535	
2,048.00	2,009.98	2,006.99	2,006.79	7.41	4.07	-178.42	5.17	-24.23	337.86	329.03	8.83	38.258	
2,138.00	2,097.47	2,094.07	2,093.86	7.81	4.25	-179.36	4.26	-24.46	359.79	350.54	9.25	38.907	
2,228.00	2,185.32	2,181.26	2,181.05	8.19	4.44	-176.46	3.26	-24.73	380.28	370.60	9.67	39.310	
2,318.00	2,273.45	2,268.60	2,268.37	8.55	4.62	-174.74	2.15	-24.94	399.50	389.42	10.08	39.630	
2,408.00	2,361.49	2,347.00	2,346.77	8.93	4.79	-176.56	1.06	-25.12	419.41	408.94	10.47	40.070	
2,437.00	2,389.80	2,347.00	2,346.77	9.06	4.79	-176.20	1.06	-25.12	427.58	417.04	10.54	40.565	
2,500.00	2,451.28	2,347.00	2,346.77	9.34	4.79	-176.20	1.06	-25.12	451.42	440.71	10.71	42.145	
2,542.20	2,492.45	2,347.00	2,346.77	9.53	4.79	-176.20	1.06	-25.12	471.44	460.61	10.83	43.540	
2,565.99	2,515.65	2,347.00	2,346.77	9.64	4.79	-178.46	1.06	-25.12	484.09	473.21	10.88	44.481	
2,586.42	2,535.53	2,347.00	2,346.77	9.74	4.79	-178.46	1.06	-25.12	495.68	484.74	10.94	45.305	
2,600.00	2,548.76	2,347.00	2,346.77	9.80	4.79	-178.46	1.06	-25.12	503.68	492.70	10.98	45.864	
2,700.00	2,646.55	2,347.00	2,346.77	10.22	4.79	-178.50	1.06	-25.12	567.87	556.61	11.27	50.400	
2,800.00	2,744.93	2,347.00	2,346.77	10.60	4.79	-178.55	1.06	-25.12	639.32	627.78	11.54	55.388	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O2CS - NBU 921-26O2CS - NBU 921-26O2CS

Offset Site Error: 0.00 ft

Survey Program: 127-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
2,900.00	2,843.81	2,347.00	2,346.77	10.94	4.79	-178.60	1.06	-25.12	715.80	703.99	11.81	60.635	
3,000.00	2,943.10	2,347.00	2,346.77	11.25	4.79	-178.66	1.06	-25.12	795.80	783.75	12.05	66.026	
3,100.00	3,042.71	2,347.00	2,346.77	11.52	4.79	-178.71	1.06	-25.12	878.29	866.01	12.28	71.494	
3,200.00	3,142.53	2,347.00	2,346.77	11.74	4.79	-178.77	1.06	-25.12	962.57	950.07	12.50	77.005	
3,300.00	3,242.49	2,347.00	2,346.77	11.93	4.79	-178.84	1.06	-25.12	1,048.13	1,035.44	12.70	82.539	
3,339.51	3,282.00	2,347.00	2,346.77	11.99	4.79	167.39	1.06	-25.12	1,082.21	1,069.44	12.77	84.729	
3,400.00	3,342.49	2,347.00	2,346.77	12.08	4.79	167.39	1.06	-25.12	1,134.90	1,121.99	12.91	87.937	
3,500.00	3,442.49	2,347.00	2,346.77	12.23	4.79	167.39	1.06	-25.12	1,223.57	1,210.45	13.13	93.204	
3,600.00	3,542.49	2,347.00	2,346.77	12.39	4.79	167.39	1.06	-25.12	1,313.88	1,300.52	13.36	98.374	
3,700.00	3,642.49	2,347.00	2,346.77	12.56	4.79	167.39	1.06	-25.12	1,405.50	1,391.91	13.59	103.424	
3,800.00	3,742.49	2,347.00	2,346.77	12.73	4.79	167.39	1.06	-25.12	1,498.19	1,484.36	13.83	108.340	
3,900.00	3,842.49	2,347.00	2,346.77	12.90	4.79	167.39	1.06	-25.12	1,591.76	1,577.69	14.07	113.115	
4,000.00	3,942.49	2,347.00	2,346.77	13.08	4.79	167.39	1.06	-25.12	1,686.08	1,671.76	14.32	117.743	
4,100.00	4,042.49	2,347.00	2,346.77	13.27	4.79	167.39	1.06	-25.12	1,781.01	1,766.44	14.57	122.221	
4,200.00	4,142.49	2,347.00	2,346.77	13.46	4.79	167.39	1.06	-25.12	1,876.47	1,861.64	14.83	126.551	
4,300.00	4,242.49	2,347.00	2,346.77	13.66	4.79	167.39	1.06	-25.12	1,972.38	1,957.29	15.09	130.734	
4,400.00	4,342.49	2,347.00	2,346.77	13.86	4.79	167.39	1.06	-25.12	2,068.68	2,053.33	15.35	134.773	
4,500.00	4,442.49	2,347.00	2,346.77	14.07	4.79	167.39	1.06	-25.12	2,165.31	2,149.70	15.61	138.671	
4,600.00	4,542.49	2,347.00	2,346.77	14.27	4.79	167.39	1.06	-25.12	2,262.24	2,246.36	15.88	142.432	
4,700.00	4,642.49	2,347.00	2,346.77	14.49	4.79	167.39	1.06	-25.12	2,359.42	2,343.27	16.15	146.062	
4,800.00	4,742.49	2,347.00	2,346.77	14.70	4.79	167.39	1.06	-25.12	2,456.83	2,440.40	16.43	149.563	
4,900.00	4,842.49	2,347.00	2,346.77	14.93	4.79	167.39	1.06	-25.12	2,554.44	2,537.74	16.70	152.942	
5,000.00	4,942.49	2,347.00	2,346.77	15.15	4.79	167.39	1.06	-25.12	2,652.23	2,635.25	16.98	156.203	
5,100.00	5,042.49	2,347.00	2,346.77	15.38	4.79	167.39	1.06	-25.12	2,750.17	2,732.91	17.26	159.350	
5,200.00	5,142.49	2,347.00	2,346.77	15.61	4.79	167.39	1.06	-25.12	2,848.26	2,830.72	17.54	162.388	
5,300.00	5,242.49	2,347.00	2,346.77	15.84	4.79	167.39	1.06	-25.12	2,946.48	2,928.66	17.82	165.322	
5,400.00	5,342.49	2,347.00	2,346.77	16.08	4.79	167.39	1.06	-25.12	3,044.81	3,026.70	18.11	168.157	
5,500.00	5,442.49	2,347.00	2,346.77	16.32	4.79	167.39	1.06	-25.12	3,143.25	3,124.86	18.39	170.895	
5,600.00	5,542.49	2,347.00	2,346.77	16.56	4.79	167.39	1.06	-25.12	3,241.78	3,223.10	18.68	173.542	
5,700.00	5,642.49	2,347.00	2,346.77	16.80	4.79	167.39	1.06	-25.12	3,340.41	3,321.44	18.97	176.101	
5,800.00	5,742.49	2,347.00	2,346.77	17.05	4.79	167.39	1.06	-25.12	3,439.11	3,419.85	19.26	178.576	
5,900.00	5,842.49	2,347.00	2,346.77	17.30	4.79	167.39	1.06	-25.12	3,537.88	3,518.33	19.55	180.971	
6,000.00	5,942.49	2,347.00	2,346.77	17.55	4.79	167.39	1.06	-25.12	3,636.72	3,616.88	19.84	183.289	
6,100.00	6,042.49	2,347.00	2,346.77	17.80	4.79	167.39	1.06	-25.12	3,735.62	3,715.49	20.13	185.533	
6,200.00	6,142.49	2,347.00	2,346.77	18.06	4.79	167.39	1.06	-25.12	3,834.58	3,814.16	20.43	187.706	
6,300.00	6,242.49	2,347.00	2,346.77	18.32	4.79	167.39	1.06	-25.12	3,933.60	3,912.87	20.72	189.813	
6,400.00	6,342.49	2,347.00	2,346.77	18.58	4.79	167.39	1.06	-25.12	4,032.66	4,011.64	21.02	191.854	
6,500.00	6,442.49	2,347.00	2,346.77	18.84	4.79	167.39	1.06	-25.12	4,131.76	4,110.45	21.32	193.834	
6,600.00	6,542.49	2,347.00	2,346.77	19.10	4.79	167.39	1.06	-25.12	4,230.91	4,209.30	21.61	195.754	
6,700.00	6,642.49	2,347.00	2,346.77	19.37	4.79	167.39	1.06	-25.12	4,330.10	4,308.19	21.91	197.617	
6,800.00	6,742.49	2,347.00	2,346.77	19.63	4.79	167.39	1.06	-25.12	4,429.32	4,407.11	22.21	199.425	
6,900.00	6,842.49	2,347.00	2,346.77	19.90	4.79	167.39	1.06	-25.12	4,528.58	4,506.07	22.51	201.181	
7,000.00	6,942.49	2,347.00	2,346.77	20.17	4.79	167.39	1.06	-25.12	4,627.87	4,605.06	22.81	202.887	
7,100.00	7,042.49	2,347.00	2,346.77	20.44	4.79	167.39	1.06	-25.12	4,727.19	4,704.08	23.11	204.545	
7,200.00	7,142.49	2,347.00	2,346.77	20.71	4.79	167.39	1.06	-25.12	4,826.54	4,803.13	23.41	206.156	
7,300.00	7,242.49	2,347.00	2,346.77	20.98	4.79	167.39	1.06	-25.12	4,925.91	4,902.20	23.71	207.722	
7,400.00	7,342.49	2,347.00	2,346.77	21.26	4.79	167.39	1.06	-25.12	5,025.31	5,001.30	24.02	209.246	
7,500.00	7,442.49	2,347.00	2,346.77	21.53	4.79	167.39	1.06	-25.12	5,124.74	5,100.42	24.32	210.728	
7,600.00	7,542.49	2,347.00	2,346.77	21.81	4.79	167.39	1.06	-25.12	5,224.18	5,199.56	24.62	212.171	
7,700.00	7,642.49	2,347.00	2,346.77	22.09	4.79	167.39	1.06	-25.12	5,323.65	5,298.72	24.93	213.576	
7,800.00	7,742.49	2,347.00	2,346.77	22.37	4.79	167.39	1.06	-25.12	5,423.13	5,397.90	25.23	214.944	
7,900.00	7,842.49	2,347.00	2,346.77	22.65	4.79	167.39	1.06	-25.12	5,522.63	5,497.10	25.54	216.276	

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O2CS - NBU 921-26O2CS - NBU 921-26O2CS

Offset Site Error: 0.00 ft

Survey Program: 127-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
8,000.00	7,942.49	2,347.00	2,346.77	22.93	4.79	167.39	1.06	-25.12	5,622.16	5,596.32	25.84	217.575	
8,100.00	8,042.49	2,347.00	2,346.77	23.21	4.79	167.39	1.06	-25.12	5,721.69	5,695.55	26.15	218.841	
8,200.00	8,142.49	2,347.00	2,346.77	23.49	4.79	167.39	1.06	-25.12	5,821.25	5,794.80	26.45	220.075	
8,300.00	8,242.49	2,347.00	2,346.77	23.78	4.79	167.39	1.06	-25.12	5,920.82	5,894.06	26.76	221.279	
8,400.00	8,342.49	2,347.00	2,346.77	24.06	4.79	167.39	1.06	-25.12	6,020.40	5,993.34	27.06	222.453	
8,500.00	8,442.49	2,347.00	2,346.77	24.35	4.79	167.39	1.06	-25.12	6,120.00	6,092.63	27.37	223.599	
8,600.00	8,542.49	2,347.00	2,346.77	24.63	4.79	167.39	1.06	-25.12	6,219.61	6,191.93	27.68	224.717	
8,700.00	8,642.49	2,347.00	2,346.77	24.92	4.79	167.39	1.06	-25.12	6,319.23	6,291.24	27.98	225.809	
8,800.00	8,742.49	2,347.00	2,346.77	25.21	4.79	167.39	1.06	-25.12	6,418.86	6,390.57	28.29	226.876	
8,900.00	8,842.49	2,347.00	2,346.77	25.50	4.79	167.39	1.06	-25.12	6,518.51	6,489.91	28.60	227.918	
9,000.00	8,942.49	2,347.00	2,346.77	25.78	4.79	167.39	1.06	-25.12	6,618.16	6,589.25	28.91	228.936	
9,100.00	9,042.49	2,347.00	2,346.77	26.07	4.79	167.39	1.06	-25.12	6,717.83	6,688.61	29.22	229.930	
9,200.00	9,142.49	2,347.00	2,346.77	26.36	4.79	167.39	1.06	-25.12	6,817.50	6,787.98	29.53	230.903	
9,300.00	9,242.49	2,347.00	2,346.77	26.66	4.79	167.39	1.06	-25.12	6,917.19	6,887.36	29.83	231.854	
9,400.00	9,342.49	2,347.00	2,346.77	26.95	4.79	167.39	1.06	-25.12	7,016.88	6,986.74	30.14	232.784	
9,500.00	9,442.49	2,347.00	2,346.77	27.24	4.79	167.39	1.06	-25.12	7,116.59	7,086.13	30.45	233.694	
9,600.00	9,542.49	2,347.00	2,346.77	27.53	4.79	167.39	1.06	-25.12	7,216.30	7,185.53	30.76	234.584	
9,700.00	9,642.49	2,347.00	2,346.77	27.83	4.79	167.39	1.06	-25.12	7,316.02	7,284.94	31.07	235.455	
9,800.00	9,742.49	2,347.00	2,346.77	28.12	4.79	167.39	1.06	-25.12	7,415.74	7,384.36	31.38	236.308	
9,900.00	9,842.49	2,347.00	2,346.77	28.41	4.79	167.39	1.06	-25.12	7,515.48	7,483.78	31.69	237.142	
10,000.00	9,942.49	2,347.00	2,346.77	28.71	4.79	167.39	1.06	-25.12	7,615.22	7,583.21	32.00	237.960	
10,100.00	10,042.49	2,347.00	2,346.77	29.00	4.79	167.39	1.06	-25.12	7,714.96	7,682.65	32.31	238.761	
10,200.00	10,142.49	2,347.00	2,346.77	29.30	4.79	167.39	1.06	-25.12	7,814.72	7,782.09	32.62	239.545	
10,300.00	10,242.49	2,347.00	2,346.77	29.60	4.79	167.39	1.06	-25.12	7,914.48	7,881.54	32.93	240.314	
10,400.00	10,342.49	2,347.00	2,346.77	29.89	4.79	167.39	1.06	-25.12	8,014.24	7,981.00	33.24	241.068	
10,500.00	10,442.49	2,347.00	2,346.77	30.19	4.79	167.39	1.06	-25.12	8,114.02	8,080.46	33.56	241.806	
10,600.00	10,542.49	2,347.00	2,346.77	30.49	4.79	167.39	1.06	-25.12	8,213.79	8,179.93	33.87	242.530	
10,700.00	10,642.49	2,347.00	2,346.77	30.79	4.79	167.39	1.06	-25.12	8,313.58	8,279.40	34.18	243.240	
10,797.51	10,740.00	2,347.00	2,346.77	31.08	4.79	167.39	1.06	-25.12	8,410.88	8,376.39	34.48	243.920	

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O2CS - NBU 921-26O2CS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 127-MWD, 2347-

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	-91.39	-0.73	-29.97	29.98				
169.00	169.00	168.81	168.80	0.16	0.20	-52.84	-0.69	-30.87	30.68	30.32	0.36	85.745	
199.00	199.00	198.85	198.85	0.23	0.26	-63.59	-0.66	-31.02	30.75	30.26	0.48	63.415	
228.00	228.00	227.83	227.82	0.29	0.32	-62.73	-0.52	-31.18	30.78	30.17	0.61	50.374	
256.00	256.00	255.82	255.81	0.36	0.38	-79.50	-0.25	-31.36	30.84	30.11	0.73	42.034	
285.00	284.99	284.85	284.84	0.42	0.44	-86.28	0.15	-31.53	30.93	30.07	0.86	35.907	
313.00	312.97	312.87	312.86	0.49	0.51	-78.57	0.65	-31.68	30.92	29.93	0.99	31.362	
342.00	341.95	341.88	341.86	0.56	0.57	-78.52	1.20	-31.83	30.79	29.68	1.12	27.605	
371.00	370.90	371.04	371.02	0.63	0.63	-77.55	1.76	-31.86	30.42	29.17	1.25	24.411	
401.00	400.82	401.01	400.98	0.70	0.69	-83.60	2.35	-31.81	29.93	28.55	1.38	21.657	
430.00	429.72	429.96	429.92	0.77	0.76	-86.77	2.93	-31.75	29.55	28.04	1.52	19.490	
461.00	460.59	460.93	460.89	0.85	0.82	-92.03	3.56	-31.65	29.26	27.59	1.66	17.589	
490.00	489.45	489.89	489.84	0.92	0.89	-96.36	4.16	-31.50	29.12	27.31	1.80	16.153	
506.68	506.05	506.55	506.49	0.96	0.92	-98.96	4.51	-31.39	29.09	27.21	1.88	15.451	CC
517.00	516.33	516.85	516.80	0.99	0.95	-100.57	4.73	-31.32	29.10	27.17	1.93	15.057	ES
547.00	546.19	546.75	546.68	1.06	1.01	-107.44	5.37	-31.11	29.30	27.23	2.07	14.168	
578.00	577.04	577.63	577.56	1.14	1.08	-112.43	6.07	-30.94	29.83	27.63	2.21	13.510	
608.00	606.85	607.49	607.41	1.22	1.14	-116.19	6.77	-30.80	30.68	28.33	2.35	13.049	
638.00	636.63	637.30	637.21	1.31	1.20	-119.25	7.45	-30.69	31.83	29.34	2.49	12.779	
668.00	666.35	667.05	666.95	1.40	1.26	-123.32	8.07	-30.58	33.38	30.75	2.63	12.692	SF
698.00	696.01	696.73	696.63	1.50	1.32	-130.14	8.64	-30.47	35.57	32.80	2.77	12.840	
728.00	725.60	726.35	726.24	1.60	1.38	-134.23	9.17	-30.37	38.44	35.53	2.91	13.220	
758.00	755.10	755.88	755.77	1.71	1.44	-140.52	9.67	-30.29	41.99	38.95	3.04	13.793	
788.00	784.51	785.33	785.22	1.82	1.50	-144.60	10.14	-30.23	46.24	43.06	3.18	14.543	
818.00	813.85	814.74	814.62	1.94	1.56	-148.53	10.59	-30.18	51.05	47.73	3.31	15.399	
848.00	843.14	844.10	843.98	2.07	1.62	-153.39	11.03	-30.12	56.33	52.88	3.45	16.338	
878.00	872.36	873.40	873.27	2.19	1.68	-158.19	11.46	-30.06	62.10	58.52	3.58	17.354	
968.00	959.83	961.06	960.92	2.59	1.87	-164.28	12.69	-29.86	80.99	77.01	3.98	20.365	
1,058.00	1,047.08	1,047.48	1,047.34	3.01	2.05	-165.86	13.40	-29.47	101.66	97.27	4.38	23.189	
1,148.00	1,134.31	1,134.05	1,133.91	3.40	2.24	-167.93	13.37	-28.73	123.30	118.52	4.78	25.808	
1,238.00	1,221.68	1,220.85	1,220.71	3.79	2.42	-168.95	12.99	-27.88	144.95	139.79	5.17	28.051	
1,328.00	1,308.97	1,307.82	1,307.67	4.21	2.61	-170.84	12.43	-27.10	167.22	161.64	5.58	29.976	
1,418.00	1,396.43	1,394.69	1,394.53	4.62	2.79	-171.41	11.77	-26.32	188.96	182.97	5.99	31.542	
1,508.00	1,484.27	1,482.18	1,482.01	4.98	2.98	-174.67	10.93	-25.57	209.32	202.94	6.38	32.798	
1,598.00	1,572.12	1,569.30	1,569.13	5.36	3.16	-173.17	10.02	-24.88	229.79	223.01	6.78	33.884	
1,688.00	1,659.75	1,656.70	1,656.52	5.77	3.34	-170.41	8.94	-24.26	251.28	244.09	7.20	34.922	
1,778.00	1,747.24	1,744.58	1,744.40	6.20	3.52	-171.24	7.97	-23.79	273.17	265.57	7.61	35.909	
1,868.00	1,834.80	1,831.86	1,831.66	6.60	3.70	-175.59	7.06	-23.93	294.74	286.72	8.02	36.750	
1,958.00	1,922.45	1,919.41	1,919.21	6.99	3.89	-178.62	6.05	-24.08	316.11	307.69	8.42	37.535	
2,048.00	2,009.98	2,006.99	2,006.79	7.41	4.07	-178.42	5.17	-24.23	337.86	329.03	8.83	38.258	
2,138.00	2,097.47	2,094.07	2,093.86	7.81	4.25	-179.36	4.26	-24.46	359.79	350.54	9.25	38.907	
2,228.00	2,185.32	2,181.26	2,181.05	8.19	4.44	-176.46	3.26	-24.73	380.28	370.60	9.67	39.310	
2,318.00	2,273.45	2,268.60	2,268.37	8.55	4.62	-174.74	2.15	-24.94	399.50	389.42	10.08	39.630	
2,408.00	2,361.49	2,356.38	2,356.15	8.93	4.81	-176.57	0.93	-25.16	419.31	408.82	10.49	39.980	
2,437.00	2,389.80	2,384.61	2,384.38	9.06	4.87	-176.24	0.54	-25.25	425.92	415.30	10.62	40.087	
2,500.00	2,451.28	2,445.91	2,445.67	9.34	5.01	-176.31	-0.30	-25.45	440.45	429.52	10.93	40.301	
2,542.20	2,492.45	2,482.06	2,481.82	9.53	5.09	-176.32	-1.00	-25.72	450.38	439.25	11.13	40.479	
2,565.99	2,515.65	2,500.00	2,499.74	9.64	5.13	-178.40	-1.55	-26.00	456.32	445.09	11.22	40.656	
2,586.42	2,535.53	2,518.90	2,518.62	9.74	5.18	-178.34	-2.28	-26.40	461.63	450.31	11.33	40.759	
2,600.00	2,548.76	2,530.16	2,529.86	9.80	5.20	-178.31	-2.79	-26.69	465.21	453.82	11.39	40.832	
2,700.00	2,646.55	2,612.56	2,612.02	10.22	5.40	-177.86	-8.14	-29.97	491.49	479.61	11.88	41.380	
2,800.00	2,744.93	2,700.00	2,698.82	10.60	5.62	-177.09	-16.96	-35.71	517.75	505.37	12.38	41.823	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O2CS - NBU 921-26O2CS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 127-MWD, 2347-

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
2,900.00	2,843.81	2,774.40	2,772.22	10.94	5.84	-176.25	-27.01	-42.41	543.95	531.10	12.85	42.320	
3,000.00	2,943.10	2,853.57	2,849.77	11.25	6.09	-175.19	-40.24	-51.36	570.31	556.97	13.35	42.733	
3,100.00	3,042.71	2,931.44	2,925.31	11.52	6.37	-174.00	-55.80	-61.97	596.90	583.06	13.84	43.124	
3,200.00	3,142.53	3,000.00	2,991.15	11.74	6.65	-172.86	-71.56	-72.80	623.90	609.59	14.31	43.605	
3,300.00	3,242.49	3,082.87	3,069.75	11.93	7.05	-171.36	-93.15	-87.71	651.24	636.39	14.85	43.860	
3,339.51	3,282.00	3,113.60	3,098.60	11.99	7.21	175.47	-101.85	-93.73	662.21	647.16	15.05	43.995	
3,400.00	3,342.49	3,170.29	3,151.73	12.08	7.53	176.57	-118.11	-104.99	679.09	663.65	15.44	43.990	
3,500.00	3,442.49	3,264.01	3,239.56	12.23	8.09	178.28	-144.98	-123.61	707.48	691.40	16.08	43.991	
3,600.00	3,542.49	3,357.73	3,327.40	12.39	8.68	179.86	-171.85	-142.23	736.43	719.69	16.74	43.990	
3,700.00	3,642.49	3,451.45	3,415.23	12.56	9.31	-178.68	-198.72	-160.84	765.88	748.47	17.41	43.992	
3,800.00	3,742.49	3,545.17	3,503.07	12.73	9.96	-177.32	-225.59	-179.46	795.76	777.68	18.08	44.002	
3,900.00	3,842.49	3,638.89	3,590.90	12.90	10.63	-176.06	-252.46	-198.07	826.04	807.27	18.76	44.023	
4,000.00	3,942.49	3,732.61	3,678.73	13.08	11.31	-174.88	-279.33	-216.69	856.66	837.22	19.45	44.054	
4,100.00	4,042.49	3,826.33	3,766.57	13.27	12.01	-173.78	-306.20	-235.31	887.60	867.47	20.13	44.095	
4,200.00	4,142.49	3,920.05	3,854.40	13.46	12.73	-172.76	-333.07	-253.92	918.83	898.01	20.81	44.146	
4,300.00	4,242.49	4,013.77	3,942.24	13.66	13.45	-171.80	-359.94	-272.54	950.30	928.80	21.50	44.204	
4,400.00	4,342.49	4,107.49	4,030.07	13.86	14.18	-170.90	-386.81	-291.16	982.01	959.83	22.18	44.269	
4,500.00	4,442.49	4,201.21	4,117.91	14.07	14.91	-170.06	-413.68	-309.77	1,013.92	991.06	22.87	44.340	
4,600.00	4,542.49	4,294.93	4,205.74	14.27	15.65	-169.27	-440.55	-328.39	1,046.03	1,022.48	23.55	44.414	
4,700.00	4,642.49	4,388.65	4,293.57	14.49	16.40	-168.52	-467.42	-347.00	1,078.31	1,054.07	24.24	44.491	
4,800.00	4,742.49	4,482.37	4,381.41	14.70	17.15	-167.82	-494.29	-365.62	1,110.74	1,085.82	24.92	44.570	
4,900.00	4,842.49	4,576.09	4,469.24	14.93	17.91	-167.15	-521.16	-384.24	1,143.32	1,117.71	25.61	44.650	
5,000.00	4,942.49	4,669.81	4,557.08	15.15	18.67	-166.53	-548.03	-402.85	1,176.03	1,149.74	26.29	44.731	
5,100.00	5,042.49	4,763.53	4,644.91	15.38	19.43	-165.93	-574.90	-421.47	1,208.86	1,181.88	26.98	44.813	
5,200.00	5,142.49	4,878.73	4,753.04	15.61	20.28	-165.25	-607.56	-444.10	1,241.54	1,213.80	27.73	44.768	
5,300.00	5,242.49	5,041.64	4,908.19	15.84	21.09	-164.46	-648.35	-472.36	1,270.40	1,241.82	28.58	44.448	
5,400.00	5,342.49	5,210.09	5,071.30	16.08	21.82	-163.83	-682.83	-496.25	1,294.06	1,264.65	29.41	43.995	
5,500.00	5,442.49	5,383.12	5,241.13	16.32	22.47	-163.37	-709.98	-515.06	1,312.23	1,282.01	30.22	43.423	
5,600.00	5,542.49	5,559.64	5,416.10	16.56	23.00	-163.06	-728.95	-528.20	1,324.69	1,293.70	30.99	42.751	
5,700.00	5,642.49	5,738.37	5,594.38	16.80	23.41	-162.90	-739.10	-535.23	1,331.27	1,299.57	31.71	41.989	
5,800.00	5,742.49	5,886.51	5,742.49	17.05	23.68	-162.87	-740.79	-536.41	1,332.37	1,300.05	32.32	41.226	
5,900.00	5,842.49	5,986.51	5,842.49	17.30	23.84	-162.87	-740.79	-536.41	1,332.37	1,299.55	32.81	40.603	
6,000.00	5,942.49	6,086.51	5,942.49	17.55	24.00	-162.87	-740.79	-536.41	1,332.37	1,299.05	33.31	39.994	
6,100.00	6,042.49	6,186.51	6,042.49	17.80	24.16	-162.87	-740.79	-536.41	1,332.37	1,298.55	33.82	39.399	
6,200.00	6,142.49	6,286.51	6,142.49	18.06	24.33	-162.87	-740.79	-536.41	1,332.37	1,298.04	34.33	38.816	
6,300.00	6,242.49	6,386.51	6,242.49	18.32	24.49	-162.87	-740.79	-536.41	1,332.37	1,297.53	34.84	38.245	
6,400.00	6,342.49	6,486.51	6,342.49	18.58	24.67	-162.87	-740.79	-536.41	1,332.37	1,297.01	35.35	37.687	
6,500.00	6,442.49	6,586.51	6,442.49	18.84	24.84	-162.87	-740.79	-536.41	1,332.37	1,296.49	35.87	37.142	
6,600.00	6,542.49	6,686.51	6,542.49	19.10	25.02	-162.87	-740.79	-536.41	1,332.37	1,295.97	36.40	36.608	
6,700.00	6,642.49	6,786.51	6,642.49	19.37	25.20	-162.87	-740.79	-536.41	1,332.37	1,295.45	36.92	36.086	
6,800.00	6,742.49	6,886.51	6,742.49	19.63	25.38	-162.87	-740.79	-536.41	1,332.37	1,294.92	37.45	35.575	
6,900.00	6,842.49	6,986.51	6,842.49	19.90	25.57	-162.87	-740.79	-536.41	1,332.37	1,294.38	37.98	35.076	
7,000.00	6,942.49	7,086.51	6,942.49	20.17	25.75	-162.87	-740.79	-536.41	1,332.37	1,293.85	38.52	34.588	
7,100.00	7,042.49	7,186.51	7,042.49	20.44	25.94	-162.87	-740.79	-536.41	1,332.37	1,293.31	39.06	34.111	
7,200.00	7,142.49	7,286.51	7,142.49	20.71	26.14	-162.87	-740.79	-536.41	1,332.37	1,292.77	39.60	33.645	
7,300.00	7,242.49	7,386.51	7,242.49	20.98	26.33	-162.87	-740.79	-536.41	1,332.37	1,292.22	40.15	33.188	
7,400.00	7,342.49	7,486.51	7,342.49	21.26	26.53	-162.87	-740.79	-536.41	1,332.37	1,291.68	40.69	32.742	
7,500.00	7,442.49	7,586.51	7,442.49	21.53	26.73	-162.87	-740.79	-536.41	1,332.37	1,291.13	41.24	32.306	
7,600.00	7,542.49	7,686.51	7,542.49	21.81	26.93	-162.87	-740.79	-536.41	1,332.37	1,290.57	41.79	31.880	
7,700.00	7,642.49	7,786.51	7,642.49	22.09	27.14	-162.87	-740.79	-536.41	1,332.37	1,290.02	42.35	31.463	
7,800.00	7,742.49	7,886.51	7,742.49	22.37	27.34	-162.87	-740.79	-536.41	1,332.37	1,289.46	42.90	31.055	
7,900.00	7,842.49	7,986.51	7,842.49	22.65	27.55	-162.87	-740.79	-536.41	1,332.37	1,288.91	43.46	30.656	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O2CS - NBU 921-26O2CS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 127-MWD, 2347-

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
8,000.00	7,942.49	8,086.51	7,942.49	22.93	27.76	-162.87	-740.79	-536.41	1,332.37	1,288.34	44.02	30.265	
8,100.00	8,042.49	8,186.51	8,042.49	23.21	27.98	-162.87	-740.79	-536.41	1,332.37	1,287.78	44.59	29.883	
8,200.00	8,142.49	8,286.51	8,142.49	23.49	28.19	-162.87	-740.79	-536.41	1,332.37	1,287.22	45.15	29.510	
8,300.00	8,242.49	8,386.51	8,242.49	23.78	28.41	-162.87	-740.79	-536.41	1,332.37	1,286.65	45.72	29.144	
8,400.00	8,342.49	8,486.51	8,342.49	24.06	28.63	-162.87	-740.79	-536.41	1,332.37	1,286.08	46.28	28.787	
8,500.00	8,442.49	8,586.51	8,442.49	24.35	28.85	-162.87	-740.79	-536.41	1,332.37	1,285.51	46.85	28.437	
8,600.00	8,542.49	8,686.51	8,542.49	24.63	29.07	-162.87	-740.79	-536.41	1,332.37	1,284.94	47.43	28.094	
8,700.00	8,642.49	8,786.51	8,642.49	24.92	29.30	-162.87	-740.79	-536.41	1,332.37	1,284.37	48.00	27.759	
8,800.00	8,742.49	8,886.51	8,742.49	25.21	29.52	-162.87	-740.79	-536.41	1,332.37	1,283.80	48.57	27.431	
8,900.00	8,842.49	8,986.51	8,842.49	25.50	29.75	-162.87	-740.79	-536.41	1,332.37	1,283.22	49.15	27.109	
9,000.00	8,942.49	9,086.51	8,942.49	25.78	29.98	-162.87	-740.79	-536.41	1,332.37	1,282.64	49.73	26.794	
9,100.00	9,042.49	9,186.51	9,042.49	26.07	30.21	-162.87	-740.79	-536.41	1,332.37	1,282.06	50.30	26.486	
9,200.00	9,142.49	9,286.51	9,142.49	26.36	30.44	-162.87	-740.79	-536.41	1,332.37	1,281.48	50.88	26.184	
9,300.00	9,242.49	9,386.51	9,242.49	26.66	30.68	-162.87	-740.79	-536.41	1,332.37	1,280.90	51.47	25.888	
9,400.00	9,342.49	9,486.51	9,342.49	26.95	30.91	-162.87	-740.79	-536.41	1,332.37	1,280.32	52.05	25.598	
9,500.00	9,442.49	9,586.51	9,442.49	27.24	31.15	-162.87	-740.79	-536.41	1,332.37	1,279.73	52.63	25.314	
9,600.00	9,542.49	9,686.51	9,542.49	27.53	31.39	-162.87	-740.79	-536.41	1,332.37	1,279.15	53.22	25.036	
9,700.00	9,642.49	9,786.51	9,642.49	27.83	31.63	-162.87	-740.79	-536.41	1,332.37	1,278.56	53.80	24.763	
9,763.97	9,706.46	9,850.48	9,706.46	28.01	31.78	-162.87	-740.79	-536.41	1,332.37	1,278.19	54.18	24.592	
9,800.00	9,742.49	9,879.02	9,735.00	28.12	31.85	-162.87	-740.79	-536.41	1,332.39	1,278.02	54.37	24.506	
9,900.00	9,842.49	9,879.02	9,735.00	28.41	31.85	-162.87	-740.79	-536.41	1,336.70	1,282.02	54.68	24.448	
10,000.00	9,942.49	9,879.02	9,735.00	28.71	31.85	-162.87	-740.79	-536.41	1,348.43	1,293.45	54.98	24.525	
10,100.00	10,042.49	9,879.02	9,735.00	29.00	31.85	-162.87	-740.79	-536.41	1,367.39	1,312.10	55.29	24.733	
10,200.00	10,142.49	9,879.02	9,735.00	29.30	31.85	-162.87	-740.79	-536.41	1,393.29	1,337.70	55.59	25.062	
10,300.00	10,242.49	9,879.02	9,735.00	29.60	31.85	-162.87	-740.79	-536.41	1,425.75	1,369.85	55.90	25.506	
10,400.00	10,342.49	9,879.02	9,735.00	29.89	31.85	-162.87	-740.79	-536.41	1,464.33	1,408.12	56.21	26.053	
10,500.00	10,442.49	9,879.02	9,735.00	30.19	31.85	-162.87	-740.79	-536.41	1,508.56	1,452.05	56.51	26.694	
10,600.00	10,542.49	9,879.02	9,735.00	30.49	31.85	-162.87	-740.79	-536.41	1,557.96	1,501.14	56.82	27.419	
10,700.00	10,642.49	9,879.02	9,735.00	30.79	31.85	-162.87	-740.79	-536.41	1,612.06	1,554.94	57.13	28.219	
10,797.51	10,740.00	9,879.02	9,735.00	31.08	31.85	-162.87	-740.79	-536.41	1,668.90	1,611.47	57.43	29.061	

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O2DS - NBU 921-26O2DS - NBU 921-26O2DS

Offset Site Error: 0.00 ft

Survey Program: 110-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	87.93	0.36	10.08	10.09				
169.00	169.00	169.05	169.05	0.16	0.21	125.08	0.92	9.70	9.92	9.55	0.37	26.469	
199.00	199.00	199.03	199.03	0.23	0.28	114.71	1.03	9.57	9.88	9.38	0.50	19.614	
203.44	203.44	203.47	203.47	0.24	0.29	115.02	1.04	9.55	9.88	9.36	0.52	18.899	
228.00	228.00	228.06	228.06	0.29	0.34	117.12	1.01	9.43	9.86	9.23	0.63	15.688	
256.00	256.00	256.06	256.06	0.36	0.40	103.69	0.82	9.25	9.79	9.05	0.75	13.074	
281.87	281.86	281.92	281.92	0.41	0.45	102.62	0.56	9.07	9.75	8.89	0.86	11.321	CC
285.00	284.99	285.05	285.04	0.42	0.46	102.92	0.52	9.05	9.75	8.88	0.88	11.146	ES
313.00	312.97	313.02	313.01	0.49	0.52	118.40	0.17	8.86	9.95	8.95	1.00	9.952	
342.00	341.95	342.00	341.98	0.56	0.58	128.25	-0.31	8.59	10.51	9.38	1.13	9.287	
371.00	370.90	370.88	370.86	0.63	0.65	141.44	-1.04	8.21	11.68	10.41	1.27	9.188	SF
401.00	400.82	400.62	400.56	0.70	0.72	149.25	-2.16	7.74	13.81	12.39	1.42	9.733	
430.00	429.72	429.19	429.09	0.77	0.78	158.68	-3.65	7.27	16.80	15.23	1.57	10.723	
461.00	460.59	459.57	459.40	0.85	0.86	165.34	-5.71	6.73	20.96	19.23	1.72	12.154	
490.00	489.45	487.95	487.68	0.92	0.93	170.94	-8.06	6.09	25.49	23.63	1.87	13.659	
517.00	516.33	514.18	513.78	0.99	0.99	175.02	-10.54	5.35	30.15	28.15	2.00	15.091	
547.00	546.19	543.22	542.63	1.06	1.07	176.37	-13.68	4.40	35.73	33.60	2.13	16.752	
578.00	577.04	572.88	572.04	1.14	1.15	179.28	-17.32	3.28	42.18	39.89	2.29	18.437	
608.00	606.85	601.44	600.31	1.22	1.24	-177.04	-21.26	2.07	49.25	46.81	2.44	20.171	
638.00	636.63	629.73	628.24	1.31	1.33	-172.95	-25.51	0.73	57.01	54.41	2.59	21.970	
668.00	666.35	657.47	655.57	1.40	1.43	-170.07	-30.07	-0.69	65.55	62.80	2.75	23.813	
698.00	696.01	685.07	682.68	1.50	1.53	-170.23	-35.03	-2.18	75.03	72.12	2.91	25.750	
728.00	725.60	712.78	709.84	1.60	1.63	-167.90	-40.26	-3.78	85.24	82.17	3.07	27.773	
758.00	755.10	740.19	736.69	1.71	1.74	-168.51	-45.57	-5.39	96.03	92.81	3.22	29.808	
788.00	784.51	767.01	762.91	1.82	1.85	-167.54	-50.97	-6.97	107.47	104.10	3.37	31.863	
818.00	813.85	793.61	788.87	1.94	1.96	-167.10	-56.56	-8.56	119.49	115.96	3.52	33.911	
848.00	843.14	820.23	814.81	2.07	2.07	-168.35	-62.31	-10.21	131.93	128.26	3.67	35.924	
878.00	872.36	845.92	839.79	2.19	2.19	-170.19	-68.06	-11.89	144.87	141.05	3.82	37.928	
968.00	959.83	924.69	916.21	2.59	2.55	-169.62	-86.36	-17.38	185.25	181.00	4.25	43.570	
1,058.00	1,047.08	1,003.92	992.89	3.01	2.91	-166.54	-105.47	-23.08	227.19	222.51	4.69	48.468	
1,148.00	1,134.31	1,082.54	1,069.03	3.40	3.26	-165.51	-124.40	-27.98	269.03	263.94	5.10	52.782	
1,238.00	1,221.68	1,166.76	1,150.70	3.79	3.60	-164.27	-144.38	-32.80	310.05	304.55	5.50	56.361	
1,328.00	1,308.97	1,251.20	1,232.91	4.21	3.93	-164.60	-163.17	-37.18	350.09	344.17	5.92	59.110	
1,418.00	1,396.43	1,332.44	1,312.06	4.62	4.28	-164.02	-180.91	-41.76	389.13	382.76	6.37	61.088	
1,508.00	1,484.27	1,414.91	1,392.41	4.98	4.64	-166.46	-198.76	-46.83	426.59	419.78	6.80	62.728	
1,598.00	1,572.12	1,498.41	1,473.77	5.36	5.01	-163.87	-216.57	-52.81	463.77	456.53	7.24	64.087	
1,688.00	1,659.75	1,577.35	1,550.64	5.77	5.35	-160.02	-233.55	-58.68	501.70	494.00	7.70	65.195	
1,778.00	1,747.24	1,655.54	1,626.69	6.20	5.70	-160.06	-250.82	-64.32	540.48	532.31	8.16	66.230	
1,868.00	1,834.80	1,731.92	1,700.87	6.60	6.07	-164.22	-268.17	-69.86	579.72	571.10	8.62	67.233	
1,958.00	1,922.45	1,814.35	1,780.86	6.99	6.44	-167.09	-287.23	-75.64	619.26	610.20	9.06	68.326	
2,048.00	2,009.98	1,898.32	1,862.41	7.41	6.81	-166.66	-306.43	-81.21	659.14	649.63	9.51	69.292	
2,138.00	2,097.47	1,983.39	1,945.27	7.81	7.18	-167.60	-325.02	-86.19	698.33	688.36	9.97	70.051	
2,228.00	2,185.32	2,062.41	2,022.16	8.19	7.54	-164.62	-342.56	-91.09	736.38	725.92	10.46	70.430	
2,318.00	2,273.45	2,156.36	2,113.73	8.55	7.94	-162.62	-362.66	-97.12	772.35	761.43	10.92	70.714	
2,408.00	2,361.49	2,247.33	2,202.66	8.93	8.31	-164.27	-380.92	-102.99	807.64	796.27	11.37	71.035	
2,437.00	2,389.80	2,273.17	2,227.93	9.06	8.42	-163.85	-386.04	-104.73	819.17	807.66	11.51	71.175	
2,500.00	2,451.28	2,325.97	2,279.54	9.34	8.64	-163.82	-396.59	-108.30	844.47	832.64	11.83	71.404	
2,542.20	2,492.45	2,361.05	2,313.79	9.53	8.79	-163.81	-403.82	-110.58	861.66	849.62	12.04	71.553	
2,565.99	2,515.65	2,381.54	2,333.79	9.64	8.88	-165.92	-408.09	-111.87	871.52	859.38	12.14	71.778	
2,586.42	2,535.53	2,399.26	2,351.08	9.74	8.96	-165.91	-411.80	-112.95	880.12	867.87	12.25	71.861	
2,600.00	2,548.76	2,411.34	2,362.88	9.80	9.01	-165.94	-414.34	-113.66	885.82	873.49	12.33	71.869	
2,700.00	2,646.55	2,417.00	2,368.40	10.22	9.03	-166.14	-415.53	-113.99	930.21	917.54	12.67	73.420	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O2DS - NBU 921-26O2DS - NBU 921-26O2DS

Offset Site Error: 0.00 ft

Survey Program: 110-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
2,800.00	2,744.93	2,417.00	2,368.40	10.60	9.03	-166.38	-415.53	-113.99	980.32	967.34	12.99	75.491	
2,900.00	2,843.81	2,417.00	2,368.40	10.94	9.03	-166.65	-415.53	-113.99	1,035.29	1,022.00	13.29	77.927	
3,000.00	2,943.10	2,417.00	2,368.40	11.25	9.03	-166.95	-415.53	-113.99	1,094.33	1,080.76	13.57	80.665	
3,100.00	3,042.71	2,417.00	2,368.40	11.52	9.03	-167.26	-415.53	-113.99	1,156.77	1,142.94	13.83	83.654	
3,200.00	3,142.53	2,417.00	2,368.40	11.74	9.03	-167.59	-415.53	-113.99	1,222.04	1,207.97	14.07	86.855	
3,300.00	3,242.49	2,417.00	2,368.40	11.93	9.03	-167.93	-415.53	-113.99	1,289.65	1,275.36	14.29	90.236	
3,339.51	3,282.00	2,417.00	2,368.40	11.99	9.03	178.19	-415.53	-113.99	1,316.92	1,302.54	14.37	91.616	
3,400.00	3,342.49	2,417.00	2,368.40	12.08	9.03	178.19	-415.53	-113.99	1,359.58	1,345.08	14.50	93.741	
3,500.00	3,442.49	2,417.00	2,368.40	12.23	9.03	178.19	-415.53	-113.99	1,432.93	1,418.21	14.72	97.350	
3,600.00	3,542.49	2,417.00	2,368.40	12.39	9.03	178.19	-415.53	-113.99	1,509.34	1,494.40	14.94	101.018	
3,700.00	3,642.49	2,417.00	2,368.40	12.56	9.03	178.19	-415.53	-113.99	1,588.37	1,573.20	15.17	104.712	
3,800.00	3,742.49	2,417.00	2,368.40	12.73	9.03	178.19	-415.53	-113.99	1,669.65	1,654.25	15.40	108.405	
3,900.00	3,842.49	2,417.00	2,368.40	12.90	9.03	178.19	-415.53	-113.99	1,752.87	1,737.23	15.64	112.077	
4,000.00	3,942.49	2,417.00	2,368.40	13.08	9.03	178.19	-415.53	-113.99	1,837.76	1,821.88	15.88	115.711	
4,100.00	4,042.49	2,417.00	2,368.40	13.27	9.03	178.19	-415.53	-113.99	1,924.11	1,907.98	16.13	119.295	
4,200.00	4,142.49	2,417.00	2,368.40	13.46	9.03	178.19	-415.53	-113.99	2,011.72	1,995.34	16.38	122.818	
4,300.00	4,242.49	2,417.00	2,368.40	13.66	9.03	178.19	-415.53	-113.99	2,100.44	2,083.80	16.63	126.274	
4,400.00	4,342.49	2,417.00	2,368.40	13.86	9.03	178.19	-415.53	-113.99	2,190.12	2,173.23	16.89	129.658	
4,500.00	4,442.49	2,417.00	2,368.40	14.07	9.03	178.19	-415.53	-113.99	2,280.67	2,263.52	17.15	132.966	
4,600.00	4,542.49	2,417.00	2,368.40	14.27	9.03	178.19	-415.53	-113.99	2,371.98	2,354.56	17.42	136.195	
4,700.00	4,642.49	2,417.00	2,368.40	14.49	9.03	178.19	-415.53	-113.99	2,463.96	2,446.28	17.68	139.345	
4,800.00	4,742.49	2,417.00	2,368.40	14.70	9.03	178.19	-415.53	-113.99	2,556.54	2,538.59	17.95	142.414	
4,900.00	4,842.49	2,417.00	2,368.40	14.93	9.03	178.19	-415.53	-113.99	2,649.67	2,631.45	18.22	145.404	
5,000.00	4,942.49	2,417.00	2,368.40	15.15	9.03	178.19	-415.53	-113.99	2,743.28	2,724.78	18.50	148.314	
5,100.00	5,042.49	2,417.00	2,368.40	15.38	9.03	178.19	-415.53	-113.99	2,837.32	2,818.55	18.77	151.146	
5,200.00	5,142.49	2,417.00	2,368.40	15.61	9.03	178.19	-415.53	-113.99	2,931.76	2,912.71	19.05	153.900	
5,300.00	5,242.49	2,417.00	2,368.40	15.84	9.03	178.19	-415.53	-113.99	3,026.55	3,007.22	19.33	156.580	
5,400.00	5,342.49	2,417.00	2,368.40	16.08	9.03	178.19	-415.53	-113.99	3,121.67	3,102.06	19.61	159.186	
5,500.00	5,442.49	2,417.00	2,368.40	16.32	9.03	178.19	-415.53	-113.99	3,217.09	3,197.19	19.89	161.720	
5,600.00	5,542.49	2,417.00	2,368.40	16.56	9.03	178.19	-415.53	-113.99	3,312.77	3,292.60	20.18	164.184	
5,700.00	5,642.49	2,417.00	2,368.40	16.80	9.03	178.19	-415.53	-113.99	3,408.71	3,388.25	20.46	166.581	
5,800.00	5,742.49	2,417.00	2,368.40	17.05	9.03	178.19	-415.53	-113.99	3,504.87	3,484.12	20.75	168.911	
5,900.00	5,842.49	2,417.00	2,368.40	17.30	9.03	178.19	-415.53	-113.99	3,601.24	3,580.20	21.04	171.178	
6,000.00	5,942.49	2,417.00	2,368.40	17.55	9.03	178.19	-415.53	-113.99	3,697.80	3,676.48	21.33	173.383	
6,100.00	6,042.49	2,417.00	2,368.40	17.80	9.03	178.19	-415.53	-113.99	3,794.54	3,772.93	21.62	175.528	
6,200.00	6,142.49	2,417.00	2,368.40	18.06	9.03	178.19	-415.53	-113.99	3,891.45	3,869.54	21.91	177.615	
6,300.00	6,242.49	2,417.00	2,368.40	18.32	9.03	178.19	-415.53	-113.99	3,988.51	3,966.31	22.20	179.646	
6,400.00	6,342.49	2,417.00	2,368.40	18.58	9.03	178.19	-415.53	-113.99	4,085.71	4,063.21	22.50	181.623	
6,500.00	6,442.49	2,417.00	2,368.40	18.84	9.03	178.19	-415.53	-113.99	4,183.04	4,160.25	22.79	183.547	
6,600.00	6,542.49	2,417.00	2,368.40	19.10	9.03	178.19	-415.53	-113.99	4,280.50	4,257.41	23.09	185.421	
6,700.00	6,642.49	2,417.00	2,368.40	19.37	9.03	178.19	-415.53	-113.99	4,378.07	4,354.69	23.38	187.247	
6,800.00	6,742.49	2,417.00	2,368.40	19.63	9.03	178.19	-415.53	-113.99	4,475.75	4,452.07	23.68	189.025	
6,900.00	6,842.49	2,417.00	2,368.40	19.90	9.03	178.19	-415.53	-113.99	4,573.52	4,549.55	23.98	190.757	
7,000.00	6,942.49	2,417.00	2,368.40	20.17	9.03	178.19	-415.53	-113.99	4,671.40	4,647.12	24.27	192.445	
7,100.00	7,042.49	2,417.00	2,368.40	20.44	9.03	178.19	-415.53	-113.99	4,769.36	4,744.78	24.57	194.091	
7,200.00	7,142.49	2,417.00	2,368.40	20.71	9.03	178.19	-415.53	-113.99	4,867.40	4,842.53	24.87	195.695	
7,300.00	7,242.49	2,417.00	2,368.40	20.98	9.03	178.19	-415.53	-113.99	4,965.52	4,940.35	25.17	197.260	
7,400.00	7,342.49	2,417.00	2,368.40	21.26	9.03	178.19	-415.53	-113.99	5,063.72	5,038.24	25.47	198.787	
7,500.00	7,442.49	2,417.00	2,368.40	21.53	9.03	178.19	-415.53	-113.99	5,161.98	5,136.20	25.77	200.276	
7,600.00	7,542.49	2,417.00	2,368.40	21.81	9.03	178.19	-415.53	-113.99	5,260.31	5,234.23	26.08	201.729	
7,700.00	7,642.49	2,417.00	2,368.40	22.09	9.03	178.19	-415.53	-113.99	5,358.70	5,332.32	26.38	203.148	
7,800.00	7,742.49	2,417.00	2,368.40	22.37	9.03	178.19	-415.53	-113.99	5,457.15	5,430.47	26.68	204.533	

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O2DS - NBU 921-26O2DS - NBU 921-26O2DS

Offset Site Error: 0.00 ft

Survey Program: 110-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
7,900.00	7,842.49	2,417.00	2,368.40	22.65	9.03	178.19	-415.53	-113.99	5,555.66	5,528.67	26.98	205.886	
8,000.00	7,942.49	2,417.00	2,368.40	22.93	9.03	178.19	-415.53	-113.99	5,654.21	5,626.93	27.29	207.207	
8,100.00	8,042.49	2,417.00	2,368.40	23.21	9.03	178.19	-415.53	-113.99	5,752.82	5,725.23	27.59	208.498	
8,200.00	8,142.49	2,417.00	2,368.40	23.49	9.03	178.19	-415.53	-113.99	5,851.48	5,823.58	27.90	209.759	
8,300.00	8,242.49	2,417.00	2,368.40	23.78	9.03	178.19	-415.53	-113.99	5,950.17	5,921.97	28.20	210.992	
8,400.00	8,342.49	2,417.00	2,368.40	24.06	9.03	178.19	-415.53	-113.99	6,048.92	6,020.41	28.51	212.197	
8,500.00	8,442.49	2,417.00	2,368.40	24.35	9.03	178.19	-415.53	-113.99	6,147.70	6,118.89	28.81	213.376	
8,600.00	8,542.49	2,417.00	2,368.40	24.63	9.03	178.19	-415.53	-113.99	6,246.52	6,217.40	29.12	214.529	
8,700.00	8,642.49	2,417.00	2,368.40	24.92	9.03	178.19	-415.53	-113.99	6,345.38	6,315.96	29.42	215.657	
8,800.00	8,742.49	2,417.00	2,368.40	25.21	9.03	178.19	-415.53	-113.99	6,444.27	6,414.54	29.73	216.760	
8,900.00	8,842.49	2,417.00	2,368.40	25.50	9.03	178.19	-415.53	-113.99	6,543.20	6,513.17	30.04	217.840	
9,000.00	8,942.49	2,417.00	2,368.40	25.78	9.03	178.19	-415.53	-113.99	6,642.16	6,611.82	30.34	218.897	
9,100.00	9,042.49	2,417.00	2,368.40	26.07	9.03	178.19	-415.53	-113.99	6,741.15	6,710.50	30.65	219.932	
9,200.00	9,142.49	2,417.00	2,368.40	26.36	9.03	178.19	-415.53	-113.99	6,840.17	6,809.21	30.96	220.945	
9,300.00	9,242.49	2,417.00	2,368.40	26.66	9.03	178.19	-415.53	-113.99	6,939.22	6,907.95	31.27	221.937	
9,400.00	9,342.49	2,417.00	2,368.40	26.95	9.03	178.19	-415.53	-113.99	7,038.29	7,006.72	31.57	222.910	
9,500.00	9,442.49	2,417.00	2,368.40	27.24	9.03	178.19	-415.53	-113.99	7,137.39	7,105.51	31.88	223.862	
9,600.00	9,542.49	2,417.00	2,368.40	27.53	9.03	178.19	-415.53	-113.99	7,236.52	7,204.33	32.19	224.796	
9,700.00	9,642.49	2,417.00	2,368.40	27.83	9.03	178.19	-415.53	-113.99	7,335.67	7,303.17	32.50	225.711	
9,800.00	9,742.49	2,417.00	2,368.40	28.12	9.03	178.19	-415.53	-113.99	7,434.84	7,402.03	32.81	226.608	
9,900.00	9,842.49	2,417.00	2,368.40	28.41	9.03	178.19	-415.53	-113.99	7,534.03	7,500.92	33.12	227.487	
10,000.00	9,942.49	2,417.00	2,368.40	28.71	9.03	178.19	-415.53	-113.99	7,633.25	7,599.82	33.43	228.350	
10,100.00	10,042.49	2,417.00	2,368.40	29.00	9.03	178.19	-415.53	-113.99	7,732.48	7,698.75	33.74	229.196	
10,200.00	10,142.49	2,417.00	2,368.40	29.30	9.03	178.19	-415.53	-113.99	7,831.74	7,797.69	34.05	230.026	
10,300.00	10,242.49	2,417.00	2,368.40	29.60	9.03	178.19	-415.53	-113.99	7,931.01	7,896.66	34.36	230.840	
10,400.00	10,342.49	2,417.00	2,368.40	29.89	9.03	178.19	-415.53	-113.99	8,030.30	7,995.64	34.67	231.639	
10,500.00	10,442.49	2,417.00	2,368.40	30.19	9.03	178.19	-415.53	-113.99	8,129.61	8,094.63	34.98	232.423	
10,600.00	10,542.49	2,417.00	2,368.40	30.49	9.03	178.19	-415.53	-113.99	8,228.94	8,193.65	35.29	233.193	
10,700.00	10,642.49	2,417.00	2,368.40	30.79	9.03	178.19	-415.53	-113.99	8,328.28	8,292.68	35.60	233.949	
10,797.51	10,740.00	2,417.00	2,368.40	31.08	9.03	178.19	-415.53	-113.99	8,425.16	8,389.26	35.90	234.673	

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O2DS - NBU 921-26O2DS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 110-MWD, 2417-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	87.93	0.36	10.08	10.09				
169.00	169.00	169.05	169.05	0.16	0.21	125.08	0.92	9.70	9.92	9.55	0.37	26.469	
199.00	199.00	199.03	199.03	0.23	0.28	114.71	1.03	9.57	9.88	9.38	0.50	19.614	
203.44	203.44	203.47	203.47	0.24	0.29	115.02	1.04	9.55	9.88	9.36	0.52	18.899	
228.00	228.00	228.06	228.06	0.29	0.34	117.12	1.01	9.43	9.86	9.23	0.63	15.688	
256.00	256.00	256.06	256.06	0.36	0.40	103.69	0.82	9.25	9.79	9.05	0.75	13.074	
281.87	281.86	281.92	281.92	0.41	0.45	102.62	0.56	9.07	9.75	8.89	0.86	11.321	CC
285.00	284.99	285.05	285.04	0.42	0.46	102.92	0.52	9.05	9.75	8.88	0.88	11.146	ES
313.00	312.97	313.02	313.01	0.49	0.52	118.40	0.17	8.86	9.95	8.95	1.00	9.952	
342.00	341.95	342.00	341.98	0.56	0.58	128.25	-0.31	8.59	10.51	9.38	1.13	9.287	
371.00	370.90	370.88	370.86	0.63	0.65	141.44	-1.04	8.21	11.68	10.41	1.27	9.188	SF
401.00	400.82	400.62	400.56	0.70	0.72	149.25	-2.16	7.74	13.81	12.39	1.42	9.733	
430.00	429.72	429.19	429.09	0.77	0.78	158.68	-3.65	7.27	16.80	15.23	1.57	10.723	
461.00	460.59	459.57	459.40	0.85	0.86	165.34	-5.71	6.73	20.96	19.23	1.72	12.154	
490.00	489.45	487.95	487.68	0.92	0.93	170.94	-8.06	6.09	25.49	23.63	1.87	13.659	
517.00	516.33	514.18	513.78	0.99	0.99	175.02	-10.54	5.35	30.15	28.15	2.00	15.091	
547.00	546.19	543.22	542.63	1.06	1.07	176.37	-13.68	4.40	35.73	33.60	2.13	16.752	
578.00	577.04	572.88	572.04	1.14	1.15	179.28	-17.32	3.28	42.18	39.89	2.29	18.437	
608.00	606.85	601.44	600.31	1.22	1.24	-177.04	-21.26	2.07	49.25	46.81	2.44	20.171	
638.00	636.63	629.73	628.24	1.31	1.33	-172.95	-25.51	0.73	57.01	54.41	2.59	21.970	
668.00	666.35	657.47	655.57	1.40	1.43	-170.07	-30.07	-0.69	65.55	62.80	2.75	23.813	
698.00	696.01	685.07	682.68	1.50	1.53	-170.23	-35.03	-2.18	75.03	72.12	2.91	25.750	
728.00	725.60	712.78	709.84	1.60	1.63	-167.90	-40.26	-3.78	85.24	82.17	3.07	27.773	
758.00	755.10	740.19	736.69	1.71	1.74	-168.51	-45.57	-5.39	96.03	92.81	3.22	29.808	
788.00	784.51	767.01	762.91	1.82	1.85	-167.54	-50.97	-6.97	107.47	104.10	3.37	31.863	
818.00	813.85	793.61	788.87	1.94	1.96	-167.10	-56.56	-8.56	119.49	115.96	3.52	33.911	
848.00	843.14	820.23	814.81	2.07	2.07	-168.35	-62.31	-10.21	131.93	128.26	3.67	35.924	
878.00	872.36	845.92	839.79	2.19	2.19	-170.19	-68.06	-11.89	144.87	141.05	3.82	37.928	
968.00	959.83	924.69	916.21	2.59	2.55	-169.62	-86.36	-17.38	185.25	181.00	4.25	43.570	
1,058.00	1,047.08	1,003.92	992.89	3.01	2.91	-166.54	-105.47	-23.08	227.19	222.51	4.69	48.468	
1,148.00	1,134.31	1,082.54	1,069.03	3.40	3.26	-165.51	-124.40	-27.98	269.03	263.94	5.10	52.782	
1,238.00	1,221.68	1,166.76	1,150.70	3.79	3.60	-164.27	-144.38	-32.80	310.05	304.55	5.50	56.361	
1,328.00	1,308.97	1,251.20	1,232.91	4.21	3.93	-164.60	-163.17	-37.18	350.09	344.17	5.92	59.110	
1,418.00	1,396.43	1,332.44	1,312.06	4.62	4.28	-164.02	-180.91	-41.76	389.13	382.76	6.37	61.088	
1,508.00	1,484.27	1,414.91	1,392.41	4.98	4.64	-166.46	-198.76	-46.83	426.59	419.78	6.80	62.728	
1,598.00	1,572.12	1,498.41	1,473.77	5.36	5.01	-163.87	-216.57	-52.81	463.77	456.53	7.24	64.087	
1,688.00	1,659.75	1,577.35	1,550.64	5.77	5.35	-160.02	-233.55	-58.68	501.70	494.00	7.70	65.195	
1,778.00	1,747.24	1,655.54	1,626.69	6.20	5.70	-160.06	-250.82	-64.32	540.48	532.31	8.16	66.230	
1,868.00	1,834.80	1,731.92	1,700.87	6.60	6.07	-164.22	-268.17	-69.86	579.72	571.10	8.62	67.233	
1,958.00	1,922.45	1,814.35	1,780.86	6.99	6.44	-167.09	-287.23	-75.64	619.26	610.20	9.06	68.326	
2,048.00	2,009.98	1,898.32	1,862.41	7.41	6.81	-166.66	-306.43	-81.21	659.14	649.63	9.51	69.292	
2,138.00	2,097.47	1,983.39	1,945.27	7.81	7.18	-167.60	-325.02	-86.19	698.33	688.36	9.97	70.051	
2,228.00	2,185.32	2,062.41	2,022.16	8.19	7.54	-164.62	-342.56	-91.09	736.38	725.92	10.46	70.430	
2,318.00	2,273.45	2,156.36	2,113.73	8.55	7.94	-162.62	-362.66	-97.12	772.35	761.43	10.92	70.714	
2,408.00	2,361.49	2,247.33	2,202.66	8.93	8.31	-164.27	-380.92	-102.99	807.64	796.27	11.37	71.035	
2,437.00	2,389.80	2,273.17	2,227.93	9.06	8.42	-163.85	-386.04	-104.73	819.17	807.66	11.51	71.175	
2,500.00	2,451.28	2,325.97	2,279.54	9.34	8.64	-163.82	-396.59	-108.30	844.47	832.64	11.83	71.404	
2,542.20	2,492.45	2,361.05	2,313.79	9.53	8.79	-163.81	-403.82	-110.58	861.66	849.62	12.04	71.553	
2,565.99	2,515.65	2,381.54	2,333.79	9.64	8.88	-165.92	-408.09	-111.87	871.52	859.38	12.14	71.778	
2,586.42	2,535.53	2,399.26	2,351.08	9.74	8.96	-165.91	-411.80	-112.95	880.12	867.87	12.25	71.861	
2,600.00	2,548.76	2,411.34	2,362.88	9.80	9.01	-165.94	-414.34	-113.66	885.82	873.49	12.33	71.869	
2,700.00	2,646.55	2,503.07	2,452.40	10.22	9.41	-166.06	-433.59	-119.05	926.22	913.31	12.92	71.704	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O2DS - NBU 921-26O2DS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 110-MWD, 2417-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
2,800.00	2,744.93	2,658.79	2,605.21	10.60	10.02	-166.11	-462.16	-127.34	961.77	948.15	13.62	70.605	
2,900.00	2,843.81	2,779.73	2,725.10	10.94	10.41	-166.18	-477.32	-132.29	988.35	974.13	14.22	69.522	
3,000.00	2,943.10	2,893.74	2,838.25	11.25	10.77	-166.21	-490.55	-136.68	1,011.40	996.60	14.79	68.377	
3,100.00	3,042.71	3,033.67	2,977.62	11.52	11.12	-166.23	-502.24	-140.56	1,028.27	1,012.88	15.39	66.819	
3,200.00	3,142.53	3,175.72	3,119.52	11.74	11.41	-166.27	-508.31	-142.57	1,038.15	1,022.20	15.96	65.065	
3,300.00	3,242.49	3,298.70	3,242.49	11.93	11.61	-166.31	-509.16	-142.85	1,041.40	1,024.95	16.45	63.321	
3,339.51	3,282.00	3,338.21	3,282.00	11.99	11.67	179.94	-509.16	-142.85	1,041.63	1,025.02	16.62	62.687	
3,400.00	3,342.49	3,398.70	3,342.49	12.08	11.77	179.94	-509.16	-142.85	1,041.63	1,024.76	16.87	61.729	
3,500.00	3,442.49	3,498.70	3,442.49	12.23	11.93	179.94	-509.16	-142.85	1,041.63	1,024.32	17.31	60.178	
3,600.00	3,542.49	3,598.70	3,542.49	12.39	12.09	179.94	-509.16	-142.85	1,041.63	1,023.88	17.76	58.663	
3,700.00	3,642.49	3,698.70	3,642.49	12.56	12.27	179.94	-509.16	-142.85	1,041.63	1,023.42	18.21	57.187	
3,800.00	3,742.49	3,798.70	3,742.49	12.73	12.44	179.94	-509.16	-142.85	1,041.63	1,022.95	18.68	55.753	
3,900.00	3,842.49	3,898.70	3,842.49	12.90	12.63	179.94	-509.16	-142.85	1,041.63	1,022.47	19.16	54.361	
4,000.00	3,942.49	3,998.70	3,942.49	13.08	12.82	179.94	-509.16	-142.85	1,041.63	1,021.98	19.65	53.013	
4,100.00	4,042.49	4,098.70	4,042.49	13.27	13.01	179.94	-509.16	-142.85	1,041.63	1,021.49	20.14	51.709	
4,200.00	4,142.49	4,198.70	4,142.49	13.46	13.21	179.94	-509.16	-142.85	1,041.63	1,020.99	20.65	50.449	
4,300.00	4,242.49	4,298.70	4,242.49	13.66	13.41	179.94	-509.16	-142.85	1,041.63	1,020.47	21.16	49.232	
4,400.00	4,342.49	4,398.70	4,342.49	13.86	13.62	179.94	-509.16	-142.85	1,041.63	1,019.96	21.67	48.058	
4,500.00	4,442.49	4,498.70	4,442.49	14.07	13.84	179.94	-509.16	-142.85	1,041.63	1,019.43	22.20	46.926	
4,600.00	4,542.49	4,598.70	4,542.49	14.27	14.05	179.94	-509.16	-142.85	1,041.63	1,018.91	22.73	45.834	
4,700.00	4,642.49	4,698.70	4,642.49	14.49	14.27	179.94	-509.16	-142.85	1,041.63	1,018.37	23.26	44.781	
4,800.00	4,742.49	4,798.70	4,742.49	14.70	14.50	179.94	-509.16	-142.85	1,041.63	1,017.83	23.80	43.766	
4,900.00	4,842.49	4,898.70	4,842.49	14.93	14.72	179.94	-509.16	-142.85	1,041.63	1,017.29	24.34	42.789	
5,000.00	4,942.49	4,998.70	4,942.49	15.15	14.95	179.94	-509.16	-142.85	1,041.63	1,016.74	24.89	41.846	
5,100.00	5,042.49	5,098.70	5,042.49	15.38	15.19	179.94	-509.16	-142.85	1,041.63	1,016.19	25.44	40.938	
5,200.00	5,142.49	5,198.70	5,142.49	15.61	15.42	179.94	-509.16	-142.85	1,041.63	1,015.63	26.00	40.062	
5,300.00	5,242.49	5,298.70	5,242.49	15.84	15.66	179.94	-509.16	-142.85	1,041.63	1,015.07	26.56	39.218	
5,400.00	5,342.49	5,398.70	5,342.49	16.08	15.90	179.94	-509.16	-142.85	1,041.63	1,014.51	27.12	38.404	
5,500.00	5,442.49	5,498.70	5,442.49	16.32	16.15	179.94	-509.16	-142.85	1,041.63	1,013.94	27.69	37.619	
5,600.00	5,542.49	5,598.70	5,542.49	16.56	16.40	179.94	-509.16	-142.85	1,041.63	1,013.37	28.26	36.861	
5,700.00	5,642.49	5,698.70	5,642.49	16.80	16.65	179.94	-509.16	-142.85	1,041.63	1,012.80	28.83	36.130	
5,800.00	5,742.49	5,798.70	5,742.49	17.05	16.90	179.94	-509.16	-142.85	1,041.63	1,012.23	29.40	35.424	
5,900.00	5,842.49	5,898.70	5,842.49	17.30	17.15	179.94	-509.16	-142.85	1,041.63	1,011.65	29.98	34.742	
6,000.00	5,942.49	5,998.70	5,942.49	17.55	17.41	179.94	-509.16	-142.85	1,041.63	1,011.07	30.56	34.084	
6,100.00	6,042.49	6,098.70	6,042.49	17.80	17.67	179.94	-509.16	-142.85	1,041.63	1,010.49	31.14	33.447	
6,200.00	6,142.49	6,198.70	6,142.49	18.06	17.93	179.94	-509.16	-142.85	1,041.63	1,009.91	31.73	32.832	
6,300.00	6,242.49	6,298.70	6,242.49	18.32	18.19	179.94	-509.16	-142.85	1,041.63	1,009.32	32.31	32.237	
6,400.00	6,342.49	6,398.70	6,342.49	18.58	18.45	179.94	-509.16	-142.85	1,041.63	1,008.73	32.90	31.661	
6,500.00	6,442.49	6,498.70	6,442.49	18.84	18.72	179.94	-509.16	-142.85	1,041.63	1,008.14	33.49	31.104	
6,600.00	6,542.49	6,598.70	6,542.49	19.10	18.99	179.94	-509.16	-142.85	1,041.63	1,007.55	34.08	30.565	
6,700.00	6,642.49	6,698.70	6,642.49	19.37	19.26	179.94	-509.16	-142.85	1,041.63	1,006.96	34.67	30.043	
6,800.00	6,742.49	6,798.70	6,742.49	19.63	19.53	179.94	-509.16	-142.85	1,041.63	1,006.37	35.27	29.537	
6,900.00	6,842.49	6,898.70	6,842.49	19.90	19.80	179.94	-509.16	-142.85	1,041.63	1,005.77	35.86	29.046	
7,000.00	6,942.49	6,998.70	6,942.49	20.17	20.07	179.94	-509.16	-142.85	1,041.63	1,005.17	36.46	28.571	
7,100.00	7,042.49	7,098.70	7,042.49	20.44	20.34	179.94	-509.16	-142.85	1,041.63	1,004.58	37.06	28.110	
7,200.00	7,142.49	7,198.70	7,142.49	20.71	20.62	179.94	-509.16	-142.85	1,041.63	1,003.98	37.66	27.662	
7,300.00	7,242.49	7,298.70	7,242.49	20.98	20.90	179.94	-509.16	-142.85	1,041.63	1,003.38	38.26	27.228	
7,400.00	7,342.49	7,398.70	7,342.49	21.26	21.17	179.94	-509.16	-142.85	1,041.63	1,002.77	38.86	26.807	
7,500.00	7,442.49	7,498.70	7,442.49	21.53	21.45	179.94	-509.16	-142.85	1,041.63	1,002.17	39.46	26.397	
7,600.00	7,542.49	7,598.70	7,542.49	21.81	21.73	179.94	-509.16	-142.85	1,041.63	1,001.57	40.06	25.999	
7,700.00	7,642.49	7,698.70	7,642.49	22.09	22.01	179.94	-509.16	-142.85	1,041.63	1,000.96	40.67	25.613	
7,800.00	7,742.49	7,798.70	7,742.49	22.37	22.30	179.94	-509.16	-142.85	1,041.63	1,000.36	41.27	25.237	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O2DS - NBU 921-26O2DS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 110-MWD, 2417-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
7,900.00	7,842.49	7,898.70	7,842.49	22.65	22.58	179.94	-509.16	-142.85	1,041.63	999.75	41.88	24.872	
8,000.00	7,942.49	7,998.70	7,942.49	22.93	22.86	179.94	-509.16	-142.85	1,041.63	999.14	42.49	24.516	
8,100.00	8,042.49	8,098.70	8,042.49	23.21	23.15	179.94	-509.16	-142.85	1,041.63	998.54	43.10	24.170	
8,200.00	8,142.49	8,198.70	8,142.49	23.49	23.43	179.94	-509.16	-142.85	1,041.63	997.93	43.70	23.833	
8,300.00	8,242.49	8,298.70	8,242.49	23.78	23.72	179.94	-509.16	-142.85	1,041.63	997.32	44.31	23.505	
8,400.00	8,342.49	8,398.70	8,342.49	24.06	24.01	179.94	-509.16	-142.85	1,041.63	996.71	44.93	23.186	
8,500.00	8,442.49	8,498.70	8,442.49	24.35	24.29	179.94	-509.16	-142.85	1,041.63	996.10	45.54	22.875	
8,600.00	8,542.49	8,598.70	8,542.49	24.63	24.58	179.94	-509.16	-142.85	1,041.63	995.48	46.15	22.572	
8,700.00	8,642.49	8,698.70	8,642.49	24.92	24.87	179.94	-509.16	-142.85	1,041.63	994.87	46.76	22.276	
8,800.00	8,742.49	8,798.70	8,742.49	25.21	25.16	179.94	-509.16	-142.85	1,041.63	994.26	47.37	21.988	
8,900.00	8,842.49	8,898.70	8,842.49	25.50	25.45	179.94	-509.16	-142.85	1,041.63	993.65	47.99	21.707	
9,000.00	8,942.49	8,998.70	8,942.49	25.78	25.75	179.94	-509.16	-142.85	1,041.63	993.03	48.60	21.432	
9,100.00	9,042.49	9,098.70	9,042.49	26.07	26.04	179.94	-509.16	-142.85	1,041.63	992.42	49.22	21.165	
9,200.00	9,142.49	9,198.70	9,142.49	26.36	26.33	179.94	-509.16	-142.85	1,041.63	991.80	49.83	20.903	
9,300.00	9,242.49	9,298.70	9,242.49	26.66	26.62	179.94	-509.16	-142.85	1,041.63	991.19	50.45	20.648	
9,400.00	9,342.49	9,398.70	9,342.49	26.95	26.92	179.94	-509.16	-142.85	1,041.63	990.57	51.06	20.399	
9,500.00	9,442.49	9,498.70	9,442.49	27.24	27.21	179.94	-509.16	-142.85	1,041.63	989.95	51.68	20.155	
9,600.00	9,542.49	9,598.70	9,542.49	27.53	27.51	179.94	-509.16	-142.85	1,041.63	989.34	52.30	19.918	
9,700.00	9,642.49	9,698.70	9,642.49	27.83	27.80	179.94	-509.16	-142.85	1,041.63	988.72	52.91	19.685	
9,763.57	9,706.07	9,762.27	9,706.07	28.01	27.99	179.94	-509.16	-142.85	1,041.63	988.32	53.31	19.540	
9,800.00	9,742.49	9,790.21	9,734.00	28.12	28.07	179.94	-509.16	-142.85	1,041.67	988.16	53.51	19.468	
9,900.00	9,842.49	9,790.21	9,734.00	28.41	28.07	179.94	-509.16	-142.85	1,047.27	993.45	53.82	19.460	
10,000.00	9,942.49	9,790.21	9,734.00	28.71	28.07	179.94	-509.16	-142.85	1,062.29	1,008.17	54.12	19.627	
10,100.00	10,042.49	9,790.21	9,734.00	29.00	28.07	179.94	-509.16	-142.85	1,086.35	1,031.92	54.43	19.957	
10,200.00	10,142.49	9,790.21	9,734.00	29.30	28.07	179.94	-509.16	-142.85	1,118.87	1,064.12	54.74	20.438	
10,300.00	10,242.49	9,790.21	9,734.00	29.60	28.07	179.94	-509.16	-142.85	1,159.12	1,104.07	55.05	21.055	
10,400.00	10,342.49	9,790.21	9,734.00	29.89	28.07	179.94	-509.16	-142.85	1,206.34	1,150.98	55.36	21.790	
10,500.00	10,442.49	9,790.21	9,734.00	30.19	28.07	179.94	-509.16	-142.85	1,259.75	1,204.07	55.67	22.627	
10,600.00	10,542.49	9,790.21	9,734.00	30.49	28.07	179.94	-509.16	-142.85	1,318.58	1,262.60	55.98	23.553	
10,700.00	10,642.49	9,790.21	9,734.00	30.79	28.07	179.94	-509.16	-142.85	1,382.16	1,325.86	56.29	24.552	
10,797.51	10,740.00	9,790.21	9,734.00	31.08	28.07	179.94	-509.16	-142.85	1,448.11	1,391.52	56.60	25.587	

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O3BS - NBU 921-26O3BS - NBU 921-26O3BS

Offset Site Error: 0.00 ft

Survey Program: 127-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	-91.05	-0.36	-19.89	19.89				
169.00	169.00	168.77	168.77	0.16	0.20	-53.77	-0.71	-20.78	20.60	20.24	0.37	56.371	
199.00	199.00	198.79	198.79	0.23	0.26	-64.90	-0.80	-21.09	20.84	20.34	0.49	42.324	
228.00	228.00	227.79	227.79	0.29	0.32	-64.77	-0.90	-21.38	21.02	20.41	0.62	34.151	
256.00	256.00	255.80	255.79	0.36	0.38	-82.55	-1.00	-21.65	21.20	20.47	0.73	28.865	
285.00	284.99	284.79	284.78	0.42	0.44	-90.57	-1.00	-21.93	21.45	20.60	0.86	25.024	
313.00	312.97	312.79	312.78	0.49	0.50	-84.32	-0.96	-22.20	21.67	20.69	0.98	22.157	
342.00	341.95	341.78	341.76	0.56	0.56	-86.21	-0.99	-22.45	21.81	20.71	1.10	19.747	
371.00	370.90	370.70	370.69	0.63	0.62	-87.48	-1.03	-22.71	21.98	20.75	1.23	17.820	
401.00	400.82	400.62	400.60	0.70	0.68	-95.93	-1.05	-23.01	22.35	20.98	1.37	16.308	
430.00	429.72	429.47	429.46	0.77	0.74	-101.40	-1.13	-23.31	23.02	21.51	1.50	15.301	
461.00	460.59	460.22	460.20	0.85	0.81	-108.70	-1.29	-23.70	24.19	22.53	1.65	14.649	
490.00	489.45	488.93	488.91	0.92	0.87	-114.40	-1.58	-24.14	25.75	23.96	1.79	14.386	
517.00	516.33	515.57	515.54	0.99	0.93	-119.29	-2.01	-24.65	27.60	25.68	1.92	14.383	SF
547.00	546.19	545.16	545.11	1.06	0.99	-126.10	-2.61	-25.41	30.12	28.06	2.06	14.652	
578.00	577.04	575.62	575.55	1.14	1.06	-130.27	-3.42	-26.35	33.30	31.10	2.20	15.135	
608.00	606.85	605.10	604.99	1.22	1.13	-132.95	-4.50	-27.25	36.95	34.61	2.34	15.762	
638.00	636.63	634.37	634.22	1.31	1.20	-134.56	-5.84	-28.11	41.10	38.61	2.49	16.518	
668.00	666.35	663.82	663.62	1.40	1.26	-136.64	-7.32	-29.04	45.77	43.13	2.64	17.364	
698.00	696.01	693.38	693.12	1.50	1.33	-141.07	-8.79	-30.00	50.92	48.14	2.78	18.309	
728.00	725.60	722.97	722.66	1.60	1.39	-142.54	-10.15	-30.98	56.49	53.57	2.92	19.338	
758.00	755.10	752.55	752.20	1.71	1.46	-146.27	-11.33	-32.03	62.41	59.35	3.06	20.377	
788.00	784.51	781.93	781.54	1.82	1.52	-147.94	-12.38	-33.16	68.72	65.51	3.21	21.437	
818.00	813.85	811.33	810.90	1.94	1.59	-149.71	-13.32	-34.40	75.32	71.97	3.35	22.491	
848.00	843.14	840.31	839.84	2.07	1.65	-152.74	-14.19	-35.69	82.22	78.73	3.49	23.543	
878.00	872.36	869.18	868.67	2.19	1.72	-156.06	-15.13	-37.01	89.56	85.92	3.64	24.630	
968.00	959.83	955.60	954.94	2.59	1.92	-159.16	-18.21	-41.04	112.97	108.91	4.06	27.807	
1,058.00	1,047.08	1,041.95	1,041.14	3.01	2.11	-158.95	-21.52	-44.82	137.50	133.01	4.49	30.609	
1,148.00	1,134.31	1,128.93	1,127.98	3.40	2.31	-159.75	-24.83	-48.60	161.96	157.06	4.90	33.039	
1,238.00	1,221.68	1,216.54	1,215.43	3.79	2.51	-159.69	-27.67	-52.87	185.45	180.14	5.31	34.904	
1,328.00	1,308.97	1,303.01	1,301.75	4.21	2.71	-160.72	-30.27	-57.37	209.05	203.31	5.75	36.366	
1,418.00	1,396.43	1,388.88	1,387.46	4.62	2.91	-160.81	-33.29	-61.47	232.40	226.22	6.18	37.591	
1,508.00	1,484.27	1,475.82	1,474.24	4.98	3.11	-163.69	-36.55	-65.55	254.51	247.91	6.60	38.591	
1,598.00	1,572.12	1,562.79	1,561.07	5.36	3.31	-161.87	-39.91	-69.40	276.71	269.69	7.02	39.426	
1,688.00	1,659.75	1,649.48	1,647.62	5.77	3.51	-158.93	-43.32	-72.88	299.60	292.14	7.46	40.175	
1,778.00	1,747.24	1,735.56	1,733.57	6.20	3.71	-159.72	-46.89	-76.01	323.06	315.17	7.89	40.928	
1,868.00	1,834.80	1,822.13	1,820.02	6.60	3.91	-164.28	-50.59	-78.89	346.64	338.32	8.32	41.673	
1,958.00	1,922.45	1,909.47	1,907.22	6.99	4.11	-167.47	-54.33	-81.93	370.19	361.46	8.73	42.413	
2,048.00	2,009.98	1,997.65	1,995.26	7.41	4.31	-167.36	-57.83	-85.39	394.04	384.89	9.16	43.036	
2,138.00	2,097.47	2,083.77	2,081.25	7.81	4.51	-168.42	-61.17	-88.86	418.00	408.41	9.59	43.609	
2,228.00	2,185.32	2,168.99	2,166.32	8.19	4.71	-165.64	-64.75	-92.38	440.70	430.67	10.03	43.938	
2,318.00	2,273.45	2,258.88	2,256.05	8.55	4.92	-163.86	-68.47	-96.45	461.86	451.40	10.46	44.147	
2,408.00	2,361.49	2,345.26	2,342.25	8.93	5.12	-165.58	-71.92	-100.70	483.34	472.45	10.88	44.411	
2,437.00	2,389.80	2,372.84	2,369.77	9.06	5.19	-165.22	-73.06	-102.11	490.55	479.53	11.02	44.500	
2,500.00	2,451.28	2,377.00	2,373.92	9.34	5.20	-165.22	-73.24	-102.32	509.57	498.36	11.21	45.446	
2,542.20	2,492.45	2,377.00	2,373.92	9.53	5.20	-165.22	-73.24	-102.32	526.15	514.82	11.34	46.416	
2,565.99	2,515.65	2,377.00	2,373.92	9.64	5.20	-167.37	-73.24	-102.32	536.86	525.47	11.39	47.140	
2,586.42	2,535.53	2,377.00	2,373.92	9.74	5.20	-167.37	-73.24	-102.32	546.80	535.36	11.45	47.760	
2,600.00	2,548.76	2,377.00	2,373.92	9.80	5.20	-167.40	-73.24	-102.32	553.72	542.22	11.49	48.186	
2,700.00	2,646.55	2,377.00	2,373.92	10.22	5.20	-167.66	-73.24	-102.32	610.19	598.41	11.78	51.789	
2,800.00	2,744.93	2,377.00	2,373.92	10.60	5.20	-167.97	-73.24	-102.32	674.66	662.60	12.06	55.948	
2,900.00	2,843.81	2,377.00	2,373.92	10.94	5.20	-168.32	-73.24	-102.32	745.01	732.69	12.32	60.478	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O3BS - NBU 921-26O3BS - NBU 921-26O3BS

Offset Site Error: 0.00 ft

Survey Program: 127-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
3,000.00	2,943.10	2,377.00	2,373.92	11.25	5.20	-168.72	-73.24	-102.32	819.67	807.10	12.56	65.255	
3,100.00	3,042.71	2,377.00	2,373.92	11.52	5.20	-169.13	-73.24	-102.32	897.49	884.71	12.78	70.199	
3,200.00	3,142.53	2,377.00	2,373.92	11.74	5.20	-169.57	-73.24	-102.32	977.67	964.68	12.99	75.260	
3,300.00	3,242.49	2,377.00	2,373.92	11.93	5.20	-170.01	-73.24	-102.32	1,059.60	1,046.42	13.18	80.406	
3,339.51	3,282.00	2,377.00	2,373.92	11.99	5.20	176.07	-73.24	-102.32	1,092.35	1,079.10	13.25	82.458	
3,400.00	3,342.49	2,377.00	2,373.92	12.08	5.20	176.07	-73.24	-102.32	1,143.13	1,129.76	13.38	85.450	
3,500.00	3,442.49	2,377.00	2,373.92	12.23	5.20	176.07	-73.24	-102.32	1,229.01	1,215.42	13.60	90.399	
3,600.00	3,542.49	2,377.00	2,373.92	12.39	5.20	176.07	-73.24	-102.32	1,316.88	1,303.06	13.82	95.294	
3,700.00	3,642.49	2,377.00	2,373.92	12.56	5.20	176.07	-73.24	-102.32	1,406.38	1,392.33	14.05	100.108	
3,800.00	3,742.49	2,377.00	2,373.92	12.73	5.20	176.07	-73.24	-102.32	1,497.20	1,482.92	14.28	104.822	
3,900.00	3,842.49	2,377.00	2,373.92	12.90	5.20	176.07	-73.24	-102.32	1,589.13	1,574.61	14.52	109.423	
4,000.00	3,942.49	2,377.00	2,373.92	13.08	5.20	176.07	-73.24	-102.32	1,681.98	1,667.21	14.77	113.902	
4,100.00	4,042.49	2,377.00	2,373.92	13.27	5.20	176.07	-73.24	-102.32	1,775.60	1,760.59	15.02	118.254	
4,200.00	4,142.49	2,377.00	2,373.92	13.46	5.20	176.07	-73.24	-102.32	1,869.89	1,854.62	15.27	122.477	
4,300.00	4,242.49	2,377.00	2,373.92	13.66	5.20	176.07	-73.24	-102.32	1,964.74	1,949.21	15.52	126.570	
4,400.00	4,342.49	2,377.00	2,373.92	13.86	5.20	176.07	-73.24	-102.32	2,060.07	2,044.29	15.78	130.533	
4,500.00	4,442.49	2,377.00	2,373.92	14.07	5.20	176.07	-73.24	-102.32	2,155.83	2,139.79	16.04	134.369	
4,600.00	4,542.49	2,377.00	2,373.92	14.27	5.20	176.07	-73.24	-102.32	2,251.96	2,235.65	16.31	138.080	
4,700.00	4,642.49	2,377.00	2,373.92	14.49	5.20	176.07	-73.24	-102.32	2,348.41	2,331.84	16.58	141.668	
4,800.00	4,742.49	2,377.00	2,373.92	14.70	5.20	176.07	-73.24	-102.32	2,445.15	2,428.30	16.85	145.138	
4,900.00	4,842.49	2,377.00	2,373.92	14.93	5.20	176.07	-73.24	-102.32	2,542.14	2,525.02	17.12	148.493	
5,000.00	4,942.49	2,377.00	2,373.92	15.15	5.20	176.07	-73.24	-102.32	2,639.35	2,621.96	17.39	151.737	
5,100.00	5,042.49	2,377.00	2,373.92	15.38	5.20	176.07	-73.24	-102.32	2,736.77	2,719.10	17.67	154.873	
5,200.00	5,142.49	2,377.00	2,373.92	15.61	5.20	176.07	-73.24	-102.32	2,834.36	2,816.41	17.95	157.907	
5,300.00	5,242.49	2,377.00	2,373.92	15.84	5.20	176.07	-73.24	-102.32	2,932.12	2,913.89	18.23	160.840	
5,400.00	5,342.49	2,377.00	2,373.92	16.08	5.20	176.07	-73.24	-102.32	3,030.02	3,011.51	18.51	163.678	
5,500.00	5,442.49	2,377.00	2,373.92	16.32	5.20	176.07	-73.24	-102.32	3,128.06	3,109.27	18.80	166.424	
5,600.00	5,542.49	2,377.00	2,373.92	16.56	5.20	176.07	-73.24	-102.32	3,226.22	3,207.14	19.08	169.081	
5,700.00	5,642.49	2,377.00	2,373.92	16.80	5.20	176.07	-73.24	-102.32	3,324.48	3,305.12	19.37	171.654	
5,800.00	5,742.49	2,377.00	2,373.92	17.05	5.20	176.07	-73.24	-102.32	3,422.85	3,403.20	19.66	174.145	
5,900.00	5,842.49	2,377.00	2,373.92	17.30	5.20	176.07	-73.24	-102.32	3,521.31	3,501.37	19.94	176.558	
6,000.00	5,942.49	2,377.00	2,373.92	17.55	5.20	176.07	-73.24	-102.32	3,619.85	3,599.62	20.23	178.896	
6,100.00	6,042.49	2,377.00	2,373.92	17.80	5.20	176.07	-73.24	-102.32	3,718.47	3,697.95	20.53	181.162	
6,200.00	6,142.49	2,377.00	2,373.92	18.06	5.20	176.07	-73.24	-102.32	3,817.17	3,796.35	20.82	183.359	
6,300.00	6,242.49	2,377.00	2,373.92	18.32	5.20	176.07	-73.24	-102.32	3,915.93	3,894.82	21.11	185.490	
6,400.00	6,342.49	2,377.00	2,373.92	18.58	5.20	176.07	-73.24	-102.32	4,014.75	3,993.34	21.41	187.557	
6,500.00	6,442.49	2,377.00	2,373.92	18.84	5.20	176.07	-73.24	-102.32	4,113.63	4,091.92	21.70	189.563	
6,600.00	6,542.49	2,377.00	2,373.92	19.10	5.20	176.07	-73.24	-102.32	4,212.56	4,190.56	22.00	191.511	
6,700.00	6,642.49	2,377.00	2,373.92	19.37	5.20	176.07	-73.24	-102.32	4,311.54	4,289.24	22.29	193.402	
6,800.00	6,742.49	2,377.00	2,373.92	19.63	5.20	176.07	-73.24	-102.32	4,410.56	4,387.97	22.59	195.239	
6,900.00	6,842.49	2,377.00	2,373.92	19.90	5.20	176.07	-73.24	-102.32	4,509.63	4,486.74	22.89	197.024	
7,000.00	6,942.49	2,377.00	2,373.92	20.17	5.20	176.07	-73.24	-102.32	4,608.74	4,585.55	23.19	198.760	
7,100.00	7,042.49	2,377.00	2,373.92	20.44	5.20	176.07	-73.24	-102.32	4,707.89	4,684.40	23.49	200.447	
7,200.00	7,142.49	2,377.00	2,373.92	20.71	5.20	176.07	-73.24	-102.32	4,807.07	4,783.28	23.79	202.088	
7,300.00	7,242.49	2,377.00	2,373.92	20.98	5.20	176.07	-73.24	-102.32	4,906.28	4,882.20	24.09	203.685	
7,400.00	7,342.49	2,377.00	2,373.92	21.26	5.20	176.07	-73.24	-102.32	5,005.53	4,981.14	24.39	205.239	
7,500.00	7,442.49	2,377.00	2,373.92	21.53	5.20	176.07	-73.24	-102.32	5,104.81	5,080.12	24.69	206.752	
7,600.00	7,542.49	2,377.00	2,373.92	21.81	5.20	176.07	-73.24	-102.32	5,204.11	5,179.12	24.99	208.225	
7,700.00	7,642.49	2,377.00	2,373.92	22.09	5.20	176.07	-73.24	-102.32	5,303.44	5,278.15	25.30	209.660	
7,800.00	7,742.49	2,377.00	2,373.92	22.37	5.20	176.07	-73.24	-102.32	5,402.80	5,377.20	25.60	211.059	
7,900.00	7,842.49	2,377.00	2,373.92	22.65	5.20	176.07	-73.24	-102.32	5,502.17	5,476.27	25.90	212.422	
8,000.00	7,942.49	2,377.00	2,373.92	22.93	5.20	176.07	-73.24	-102.32	5,601.57	5,575.37	26.21	213.750	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O3BS - NBU 921-26O3BS - NBU 921-26O3BS

Offset Site Error: 0.00 ft

Survey Program: 127-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
8,100.00	8,042.49	2,377.00	2,373.92	23.21	5.20	176.07	-73.24	-102.32	5,701.00	5,674.48	26.51	215.046	
8,200.00	8,142.49	2,377.00	2,373.92	23.49	5.20	176.07	-73.24	-102.32	5,800.44	5,773.62	26.82	216.310	
8,300.00	8,242.49	2,377.00	2,373.92	23.78	5.20	176.07	-73.24	-102.32	5,899.90	5,872.78	27.12	217.544	
8,400.00	8,342.49	2,377.00	2,373.92	24.06	5.20	176.07	-73.24	-102.32	5,999.37	5,971.95	27.43	218.747	
8,500.00	8,442.49	2,377.00	2,373.92	24.35	5.20	176.07	-73.24	-102.32	6,098.87	6,071.14	27.73	219.922	
8,600.00	8,542.49	2,377.00	2,373.92	24.63	5.20	176.07	-73.24	-102.32	6,198.38	6,170.34	28.04	221.070	
8,700.00	8,642.49	2,377.00	2,373.92	24.92	5.20	176.07	-73.24	-102.32	6,297.91	6,269.56	28.34	222.191	
8,800.00	8,742.49	2,377.00	2,373.92	25.21	5.20	176.07	-73.24	-102.32	6,397.45	6,368.80	28.65	223.286	
8,900.00	8,842.49	2,377.00	2,373.92	25.50	5.20	176.07	-73.24	-102.32	6,497.00	6,468.05	28.96	224.356	
9,000.00	8,942.49	2,377.00	2,373.92	25.78	5.20	176.07	-73.24	-102.32	6,596.57	6,567.31	29.27	225.402	
9,100.00	9,042.49	2,377.00	2,373.92	26.07	5.20	176.07	-73.24	-102.32	6,696.16	6,666.58	29.57	226.424	
9,200.00	9,142.49	2,377.00	2,373.92	26.36	5.20	176.07	-73.24	-102.32	6,795.75	6,765.87	29.88	227.424	
9,300.00	9,242.49	2,377.00	2,373.92	26.66	5.20	176.07	-73.24	-102.32	6,895.36	6,865.17	30.19	228.402	
9,400.00	9,342.49	2,377.00	2,373.92	26.95	5.20	176.07	-73.24	-102.32	6,994.97	6,964.47	30.50	229.359	
9,500.00	9,442.49	2,377.00	2,373.92	27.24	5.20	176.07	-73.24	-102.32	7,094.60	7,063.79	30.81	230.295	
9,600.00	9,542.49	2,377.00	2,373.92	27.53	5.20	176.07	-73.24	-102.32	7,194.24	7,163.12	31.12	231.212	
9,700.00	9,642.49	2,377.00	2,373.92	27.83	5.20	176.07	-73.24	-102.32	7,293.89	7,262.46	31.42	232.109	
9,800.00	9,742.49	2,377.00	2,373.92	28.12	5.20	176.07	-73.24	-102.32	7,393.54	7,361.81	31.73	232.987	
9,900.00	9,842.49	2,377.00	2,373.92	28.41	5.20	176.07	-73.24	-102.32	7,493.21	7,461.17	32.04	233.848	
10,000.00	9,942.49	2,377.00	2,373.92	28.71	5.20	176.07	-73.24	-102.32	7,592.89	7,560.53	32.35	234.690	
10,100.00	10,042.49	2,377.00	2,373.92	29.00	5.20	176.07	-73.24	-102.32	7,692.57	7,659.91	32.66	235.516	
10,200.00	10,142.49	2,377.00	2,373.92	29.30	5.20	176.07	-73.24	-102.32	7,792.26	7,759.29	32.97	236.325	
10,300.00	10,242.49	2,377.00	2,373.92	29.60	5.20	176.07	-73.24	-102.32	7,891.96	7,858.68	33.28	237.118	
10,400.00	10,342.49	2,377.00	2,373.92	29.89	5.20	176.07	-73.24	-102.32	7,991.67	7,958.08	33.59	237.895	
10,500.00	10,442.49	2,377.00	2,373.92	30.19	5.20	176.07	-73.24	-102.32	8,091.38	8,057.48	33.90	238.658	
10,600.00	10,542.49	2,377.00	2,373.92	30.49	5.20	176.07	-73.24	-102.32	8,191.11	8,156.89	34.21	239.405	
10,700.00	10,642.49	2,377.00	2,373.92	30.79	5.20	176.07	-73.24	-102.32	8,290.83	8,256.31	34.53	240.138	
10,797.51	10,740.00	2,377.00	2,373.92	31.08	5.20	176.07	-73.24	-102.32	8,388.08	8,353.25	34.83	240.840	

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O3BS - NBU 921-26O3BS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 127-MWD, 2377-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	-91.05	-0.36	-19.89	19.89				
169.00	169.00	168.77	168.77	0.16	0.20	-53.77	-0.71	-20.78	20.60	20.24	0.37	56.371	
199.00	199.00	198.79	198.79	0.23	0.26	-64.90	-0.80	-21.09	20.84	20.34	0.49	42.324	
228.00	228.00	227.79	227.79	0.29	0.32	-64.77	-0.90	-21.38	21.02	20.41	0.62	34.151	
256.00	256.00	255.80	255.79	0.36	0.38	-82.55	-1.00	-21.65	21.20	20.47	0.73	28.865	
285.00	284.99	284.79	284.78	0.42	0.44	-90.57	-1.00	-21.93	21.45	20.60	0.86	25.024	
313.00	312.97	312.79	312.78	0.49	0.50	-84.32	-0.96	-22.20	21.67	20.69	0.98	22.157	
342.00	341.95	341.78	341.76	0.56	0.56	-86.21	-0.99	-22.45	21.81	20.71	1.10	19.747	
371.00	370.90	370.70	370.69	0.63	0.62	-87.48	-1.03	-22.71	21.98	20.75	1.23	17.820	
401.00	400.82	400.62	400.60	0.70	0.68	-95.93	-1.05	-23.01	22.35	20.98	1.37	16.308	
430.00	429.72	429.47	429.46	0.77	0.74	-101.40	-1.13	-23.31	23.02	21.51	1.50	15.301	
461.00	460.59	460.22	460.20	0.85	0.81	-108.70	-1.29	-23.70	24.19	22.53	1.65	14.649	
490.00	489.45	488.93	488.91	0.92	0.87	-114.40	-1.58	-24.14	25.75	23.96	1.79	14.386	
517.00	516.33	515.57	515.54	0.99	0.93	-119.29	-2.01	-24.65	27.60	25.68	1.92	14.383	SF
547.00	546.19	545.16	545.11	1.06	0.99	-126.10	-2.61	-25.41	30.12	28.06	2.06	14.652	
578.00	577.04	575.62	575.55	1.14	1.06	-130.27	-3.42	-26.35	33.30	31.10	2.20	15.135	
608.00	606.85	605.10	604.99	1.22	1.13	-132.95	-4.50	-27.25	36.95	34.61	2.34	15.762	
638.00	636.63	634.37	634.22	1.31	1.20	-134.56	-5.84	-28.11	41.10	38.61	2.49	16.518	
668.00	666.35	663.82	663.62	1.40	1.26	-136.64	-7.32	-29.04	45.77	43.13	2.64	17.364	
698.00	696.01	693.38	693.12	1.50	1.33	-141.07	-8.79	-30.00	50.92	48.14	2.78	18.309	
728.00	725.60	722.97	722.66	1.60	1.39	-142.54	-10.15	-30.98	56.49	53.57	2.92	19.338	
758.00	755.10	752.55	752.20	1.71	1.46	-146.27	-11.33	-32.03	62.41	59.35	3.06	20.377	
788.00	784.51	781.93	781.54	1.82	1.52	-147.94	-12.38	-33.16	68.72	65.51	3.21	21.437	
818.00	813.85	811.33	810.90	1.94	1.59	-149.71	-13.32	-34.40	75.32	71.97	3.35	22.491	
848.00	843.14	840.31	839.84	2.07	1.65	-152.74	-14.19	-35.69	82.22	78.73	3.49	23.543	
878.00	872.36	869.18	868.67	2.19	1.72	-156.06	-15.13	-37.01	89.56	85.92	3.64	24.630	
968.00	959.83	955.60	954.94	2.59	1.92	-159.16	-18.21	-41.04	112.97	108.91	4.06	27.807	
1,058.00	1,047.08	1,041.95	1,041.14	3.01	2.11	-158.95	-21.52	-44.82	137.50	133.01	4.49	30.609	
1,148.00	1,134.31	1,128.93	1,127.98	3.40	2.31	-159.75	-24.83	-48.60	161.96	157.06	4.90	33.039	
1,238.00	1,221.68	1,216.54	1,215.43	3.79	2.51	-159.69	-27.67	-52.87	185.45	180.14	5.31	34.904	
1,328.00	1,308.97	1,303.01	1,301.75	4.21	2.71	-160.72	-30.27	-57.37	209.05	203.31	5.75	36.366	
1,418.00	1,396.43	1,388.88	1,387.46	4.62	2.91	-160.81	-33.29	-61.47	232.40	226.22	6.18	37.591	
1,508.00	1,484.27	1,475.82	1,474.24	4.98	3.11	-163.69	-36.55	-65.55	254.51	247.91	6.60	38.591	
1,598.00	1,572.12	1,562.79	1,561.07	5.36	3.31	-161.87	-39.91	-69.40	276.71	269.69	7.02	39.426	
1,688.00	1,659.75	1,649.48	1,647.62	5.77	3.51	-158.93	-43.32	-72.88	299.60	292.14	7.46	40.175	
1,778.00	1,747.24	1,735.56	1,733.57	6.20	3.71	-159.72	-46.89	-76.01	323.06	315.17	7.89	40.928	
1,868.00	1,834.80	1,822.13	1,820.02	6.60	3.91	-164.28	-50.59	-78.89	346.64	338.32	8.32	41.673	
1,958.00	1,922.45	1,909.47	1,907.22	6.99	4.11	-167.47	-54.33	-81.93	370.19	361.46	8.73	42.413	
2,048.00	2,009.98	1,997.65	1,995.26	7.41	4.31	-167.36	-57.83	-85.39	394.04	384.89	9.16	43.036	
2,138.00	2,097.47	2,083.77	2,081.25	7.81	4.51	-168.42	-61.17	-88.86	418.00	408.41	9.59	43.609	
2,228.00	2,185.32	2,168.99	2,166.32	8.19	4.71	-165.64	-64.75	-92.38	440.70	430.67	10.03	43.938	
2,318.00	2,273.45	2,258.88	2,256.05	8.55	4.92	-163.86	-68.47	-96.45	461.86	451.40	10.46	44.147	
2,408.00	2,361.49	2,345.26	2,342.25	8.93	5.12	-165.58	-71.92	-100.70	483.34	472.45	10.88	44.411	
2,437.00	2,389.80	2,372.84	2,369.77	9.06	5.19	-165.22	-73.06	-102.11	490.55	479.53	11.02	44.500	
2,500.00	2,451.28	2,433.73	2,430.52	9.34	5.34	-165.24	-75.64	-105.27	506.41	495.05	11.35	44.600	
2,542.20	2,492.45	2,472.17	2,468.87	9.53	5.44	-165.25	-77.29	-107.28	517.06	505.49	11.57	44.700	
2,565.99	2,515.65	2,490.70	2,487.35	9.64	5.48	-167.31	-78.24	-108.33	523.38	511.71	11.67	44.853	
2,586.42	2,535.53	2,500.00	2,496.62	9.74	5.51	-167.30	-78.77	-108.88	529.12	517.37	11.75	45.023	
2,600.00	2,548.76	2,516.99	2,513.54	9.80	5.56	-167.29	-79.86	-109.96	532.91	521.07	11.84	45.006	
2,700.00	2,646.55	2,600.00	2,595.99	10.22	5.80	-167.12	-87.07	-116.21	561.50	549.13	12.37	45.407	
2,800.00	2,744.93	2,669.13	2,664.30	10.60	6.04	-166.84	-95.49	-122.68	590.51	577.64	12.87	45.888	
2,900.00	2,843.81	2,743.54	2,737.34	10.94	6.33	-166.39	-107.00	-130.92	620.10	606.71	13.39	46.304	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O3BS - NBU 921-26O3BS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 127-MWD, 2377-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
3,000.00	2,943.10	2,816.76	2,808.63	11.25	6.64	-165.83	-120.78	-140.30	650.23	636.31	13.91	46.733	
3,100.00	3,042.71	2,900.00	2,888.84	11.52	7.04	-165.05	-139.38	-152.49	681.04	666.56	14.48	47.037	
3,200.00	3,142.53	2,959.44	2,945.49	11.74	7.38	-164.47	-154.55	-162.18	712.20	697.25	14.95	47.629	
3,300.00	3,242.49	3,032.96	3,014.76	11.93	7.82	-163.65	-175.42	-175.24	744.06	728.58	15.48	48.066	
3,339.51	3,282.00	3,069.96	3,049.48	11.99	8.05	-176.97	-186.29	-182.01	756.40	740.68	15.72	48.116	
3,400.00	3,342.49	3,126.72	3,102.72	12.08	8.43	-176.23	-202.97	-192.38	775.05	758.95	16.10	48.127	
3,500.00	3,442.49	3,220.54	3,190.75	12.23	9.07	-175.09	-230.54	-209.54	806.14	789.40	16.74	48.154	
3,600.00	3,542.49	3,314.36	3,278.77	12.39	9.73	-174.03	-258.11	-226.69	837.50	820.12	17.38	48.180	
3,700.00	3,642.49	3,408.18	3,366.79	12.56	10.41	-173.04	-285.67	-243.84	869.11	851.08	18.03	48.206	
3,800.00	3,742.49	3,502.00	3,454.82	12.73	11.10	-172.12	-313.24	-261.00	900.94	882.26	18.68	48.234	
3,900.00	3,842.49	3,595.82	3,542.84	12.90	11.80	-171.26	-340.81	-278.15	932.96	913.63	19.33	48.263	
4,000.00	3,942.49	3,689.64	3,630.86	13.08	12.52	-170.46	-368.38	-295.31	965.17	945.18	19.99	48.293	
4,100.00	4,042.49	3,783.46	3,718.89	13.27	13.24	-169.71	-395.95	-312.46	997.53	976.89	20.64	48.325	
4,200.00	4,142.49	3,877.28	3,806.91	13.46	13.97	-169.01	-423.51	-329.61	1,030.04	1,008.74	21.30	48.358	
4,300.00	4,242.49	3,971.10	3,894.93	13.66	14.71	-168.35	-451.08	-346.77	1,062.69	1,040.73	21.96	48.391	
4,400.00	4,342.49	4,064.92	3,982.95	13.86	15.45	-167.73	-478.65	-363.92	1,095.45	1,072.83	22.62	48.424	
4,500.00	4,442.49	4,158.74	4,070.98	14.07	16.20	-167.14	-506.22	-381.07	1,128.33	1,105.04	23.28	48.457	
4,600.00	4,542.49	4,252.56	4,159.00	14.27	16.95	-166.59	-533.79	-398.23	1,161.30	1,137.35	23.95	48.490	
4,700.00	4,642.49	4,346.39	4,247.02	14.49	17.70	-166.06	-561.35	-415.38	1,194.37	1,169.75	24.62	48.521	
4,800.00	4,742.49	4,440.21	4,335.05	14.70	18.46	-165.57	-588.92	-432.54	1,227.52	1,202.24	25.28	48.552	
4,900.00	4,842.49	4,534.03	4,423.07	14.93	19.22	-165.10	-616.49	-449.69	1,260.75	1,234.80	25.95	48.580	
5,000.00	4,942.49	4,627.85	4,511.09	15.15	19.98	-164.65	-644.06	-466.84	1,294.05	1,267.43	26.62	48.608	
5,100.00	5,042.49	4,721.67	4,599.12	15.38	20.74	-164.23	-671.63	-484.00	1,327.42	1,300.13	27.29	48.634	
5,200.00	5,142.49	4,815.49	4,687.14	15.61	21.51	-163.83	-699.19	-501.15	1,360.86	1,332.89	27.97	48.658	
5,300.00	5,242.49	4,909.31	4,775.16	15.84	22.27	-163.44	-726.76	-518.31	1,394.34	1,365.70	28.64	48.681	
5,400.00	5,342.49	5,003.13	4,863.19	16.08	23.04	-163.08	-754.33	-535.46	1,427.89	1,398.57	29.32	48.701	
5,500.00	5,442.49	5,096.95	4,951.21	16.32	23.81	-162.73	-781.90	-552.61	1,461.48	1,431.48	30.00	48.721	
5,600.00	5,542.49	5,190.77	5,039.23	16.56	24.58	-162.40	-809.47	-569.77	1,495.12	1,464.44	30.68	48.738	
5,700.00	5,642.49	5,284.59	5,127.25	16.80	25.35	-162.08	-837.03	-586.92	1,528.80	1,497.44	31.36	48.754	
5,800.00	5,742.49	5,378.41	5,215.28	17.05	26.13	-161.77	-864.60	-604.07	1,562.52	1,530.48	32.04	48.768	
5,900.00	5,842.49	5,472.23	5,303.30	17.30	26.90	-161.48	-892.17	-621.23	1,596.28	1,563.56	32.72	48.781	
6,000.00	5,942.49	5,566.05	5,391.32	17.55	27.67	-161.20	-919.74	-638.38	1,630.07	1,596.67	33.41	48.792	
6,100.00	6,042.49	5,690.40	5,508.16	17.80	28.61	-160.85	-955.87	-660.87	1,663.69	1,629.48	34.21	48.634	
6,200.00	6,142.49	5,914.51	5,722.50	18.06	29.68	-160.35	-1,011.27	-695.34	1,692.20	1,656.92	35.28	47.964	
6,300.00	6,242.49	6,148.18	5,950.69	18.32	30.59	-159.99	-1,053.71	-721.74	1,713.17	1,676.86	36.30	47.189	
6,400.00	6,342.49	6,388.77	6,189.09	18.58	31.29	-159.77	-1,080.76	-738.57	1,726.15	1,688.90	37.25	46.339	
6,500.00	6,442.49	6,633.09	6,433.05	18.84	31.76	-159.69	-1,090.75	-744.79	1,730.87	1,692.78	38.09	45.438	
6,600.00	6,542.49	6,742.52	6,542.49	19.10	31.91	-159.69	-1,090.79	-744.82	1,730.89	1,692.28	38.61	44.833	
6,700.00	6,642.49	6,842.52	6,642.49	19.37	32.04	-159.69	-1,090.79	-744.82	1,730.89	1,691.79	39.10	44.270	
6,800.00	6,742.49	6,942.52	6,742.49	19.63	32.18	-159.69	-1,090.79	-744.82	1,730.89	1,691.30	39.59	43.717	
6,900.00	6,842.49	7,042.52	6,842.49	19.90	32.32	-159.69	-1,090.79	-744.82	1,730.89	1,690.80	40.09	43.173	
7,000.00	6,942.49	7,142.52	6,942.49	20.17	32.46	-159.69	-1,090.79	-744.82	1,730.89	1,690.30	40.59	42.639	
7,100.00	7,042.49	7,242.52	7,042.49	20.44	32.61	-159.69	-1,090.79	-744.82	1,730.89	1,689.79	41.10	42.115	
7,200.00	7,142.49	7,342.52	7,142.49	20.71	32.75	-159.69	-1,090.79	-744.82	1,730.89	1,689.28	41.61	41.600	
7,300.00	7,242.49	7,442.52	7,242.49	20.98	32.90	-159.69	-1,090.79	-744.82	1,730.89	1,688.77	42.12	41.094	
7,400.00	7,342.49	7,542.52	7,342.49	21.26	33.05	-159.69	-1,090.79	-744.82	1,730.89	1,688.26	42.64	40.597	
7,500.00	7,442.49	7,642.52	7,442.49	21.53	33.21	-159.69	-1,090.79	-744.82	1,730.89	1,687.74	43.15	40.110	
7,600.00	7,542.49	7,742.52	7,542.49	21.81	33.36	-159.69	-1,090.79	-744.82	1,730.89	1,687.22	43.68	39.631	
7,700.00	7,642.49	7,842.52	7,642.49	22.09	33.52	-159.69	-1,090.79	-744.82	1,730.89	1,686.69	44.20	39.161	
7,800.00	7,742.49	7,942.52	7,742.49	22.37	33.68	-159.69	-1,090.79	-744.82	1,730.89	1,686.17	44.73	38.700	
7,900.00	7,842.49	8,042.52	7,842.49	22.65	33.84	-159.69	-1,090.79	-744.82	1,730.89	1,685.64	45.26	38.247	
8,000.00	7,942.49	8,142.52	7,942.49	22.93	34.01	-159.69	-1,090.79	-744.82	1,730.89	1,685.11	45.79	37.803	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O3BS - NBU 921-26O3BS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 127-MWD, 2377-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
8,100.00	8,042.49	8,242.52	8,042.49	23.21	34.17	-159.69	-1,090.79	-744.82	1,730.89	1,684.57	46.32	37.367	
8,200.00	8,142.49	8,342.52	8,142.49	23.49	34.34	-159.69	-1,090.79	-744.82	1,730.89	1,684.03	46.86	36.939	
8,300.00	8,242.49	8,442.52	8,242.49	23.78	34.52	-159.69	-1,090.79	-744.82	1,730.89	1,683.49	47.40	36.519	
8,400.00	8,342.49	8,542.52	8,342.49	24.06	34.69	-159.69	-1,090.79	-744.82	1,730.89	1,682.95	47.94	36.106	
8,500.00	8,442.49	8,642.52	8,442.49	24.35	34.86	-159.69	-1,090.79	-744.82	1,730.89	1,682.41	48.48	35.702	
8,600.00	8,542.49	8,742.52	8,542.49	24.63	35.04	-159.69	-1,090.79	-744.82	1,730.89	1,681.86	49.03	35.304	
8,700.00	8,642.49	8,842.52	8,642.49	24.92	35.22	-159.69	-1,090.79	-744.82	1,730.89	1,681.32	49.58	34.914	
8,800.00	8,742.49	8,942.52	8,742.49	25.21	35.40	-159.69	-1,090.79	-744.82	1,730.89	1,680.77	50.13	34.531	
8,900.00	8,842.49	9,042.52	8,842.49	25.50	35.59	-159.69	-1,090.79	-744.82	1,730.89	1,680.22	50.68	34.155	
9,000.00	8,942.49	9,142.52	8,942.49	25.78	35.77	-159.69	-1,090.79	-744.82	1,730.89	1,679.66	51.23	33.786	
9,100.00	9,042.49	9,242.52	9,042.49	26.07	35.96	-159.69	-1,090.79	-744.82	1,730.89	1,679.11	51.79	33.424	
9,200.00	9,142.49	9,342.52	9,142.49	26.36	36.15	-159.69	-1,090.79	-744.82	1,730.89	1,678.55	52.34	33.068	
9,300.00	9,242.49	9,442.52	9,242.49	26.66	36.34	-159.69	-1,090.79	-744.82	1,730.89	1,677.99	52.90	32.719	
9,400.00	9,342.49	9,542.52	9,342.49	26.95	36.53	-159.69	-1,090.79	-744.82	1,730.89	1,677.43	53.46	32.376	
9,500.00	9,442.49	9,642.52	9,442.49	27.24	36.72	-159.69	-1,090.79	-744.82	1,730.89	1,676.87	54.02	32.039	
9,600.00	9,542.49	9,742.52	9,542.49	27.53	36.92	-159.69	-1,090.79	-744.82	1,730.89	1,676.30	54.59	31.709	
9,700.00	9,642.49	9,842.52	9,642.49	27.83	37.12	-159.69	-1,090.79	-744.82	1,730.89	1,675.74	55.15	31.384	
9,759.60	9,702.09	9,902.12	9,702.09	28.00	37.23	-159.69	-1,090.79	-744.82	1,730.89	1,675.40	55.49	31.193	
9,800.00	9,742.49	9,925.03	9,725.00	28.12	37.28	-159.69	-1,090.79	-744.82	1,730.98	1,675.31	55.67	31.092	
9,900.00	9,842.49	9,925.03	9,725.00	28.41	37.28	-159.69	-1,090.79	-744.82	1,734.88	1,678.90	55.98	30.992	
10,000.00	9,942.49	9,925.03	9,725.00	28.71	37.28	-159.69	-1,090.79	-744.82	1,744.50	1,688.22	56.28	30.996	
10,100.00	10,042.49	9,925.03	9,725.00	29.00	37.28	-159.69	-1,090.79	-744.82	1,759.77	1,703.18	56.59	31.098	
10,200.00	10,142.49	9,925.03	9,725.00	29.30	37.28	-159.69	-1,090.79	-744.82	1,780.53	1,723.64	56.89	31.296	
10,300.00	10,242.49	9,925.03	9,725.00	29.60	37.28	-159.69	-1,090.79	-744.82	1,806.60	1,749.40	57.20	31.585	
10,400.00	10,342.49	9,925.03	9,725.00	29.89	37.28	-159.69	-1,090.79	-744.82	1,837.74	1,780.23	57.50	31.958	
10,500.00	10,442.49	9,925.03	9,725.00	30.19	37.28	-159.69	-1,090.79	-744.82	1,873.71	1,815.90	57.81	32.411	
10,600.00	10,542.49	9,925.03	9,725.00	30.49	37.28	-159.69	-1,090.79	-744.82	1,914.23	1,856.11	58.12	32.938	
10,700.00	10,642.49	9,925.03	9,725.00	30.79	37.28	-159.69	-1,090.79	-744.82	1,959.03	1,900.60	58.42	33.532	
10,797.51	10,740.00	9,925.03	9,725.00	31.08	37.28	-159.69	-1,090.79	-744.82	2,006.54	1,947.82	58.72	34.170	

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26P4BS - NBU 921-26P4BS - NBU 921-26P4BS

Offset Site Error: 0.00 ft

Survey Program: 144-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	87.90	0.73	19.89	19.90				
169.00	169.00	169.08	169.08	0.16	0.18	126.81	0.99	19.77	19.98	19.64	0.35	57.896	
189.59	189.59	189.65	189.65	0.21	0.23	118.56	0.98	19.68	19.95	19.52	0.43	46.152	
199.00	199.00	199.04	199.04	0.23	0.24	116.69	0.98	19.66	19.96	19.49	0.47	42.292	
228.00	228.00	228.04	228.04	0.29	0.30	118.35	0.98	19.61	20.03	19.44	0.60	33.596	
256.00	256.00	256.03	256.03	0.36	0.36	102.79	0.97	19.56	20.10	19.38	0.72	28.071	
285.00	284.99	285.02	285.02	0.42	0.42	98.28	0.97	19.52	20.17	19.33	0.84	23.985	ES
313.00	312.97	313.02	313.02	0.49	0.48	109.07	1.01	19.47	20.34	19.38	0.96	21.079	
342.00	341.95	342.02	342.02	0.56	0.54	113.11	1.12	19.40	20.69	19.60	1.09	18.926	
371.00	370.90	370.86	370.86	0.63	0.60	120.03	1.13	19.34	21.38	20.16	1.22	17.484	
401.00	400.82	400.59	400.59	0.70	0.66	122.11	0.98	19.49	22.69	21.34	1.36	16.720	
430.00	429.72	429.28	429.28	0.77	0.72	127.62	0.73	19.83	24.49	23.00	1.49	16.408	SF
461.00	460.59	459.88	459.87	0.85	0.79	131.86	0.33	20.41	27.02	25.38	1.64	16.493	
490.00	489.45	488.52	488.49	0.92	0.85	136.01	-0.10	21.14	29.81	28.04	1.77	16.821	
517.00	516.33	515.17	515.13	0.99	0.91	139.26	-0.61	21.91	32.68	30.78	1.90	17.238	
547.00	546.19	544.83	544.77	1.06	0.97	140.03	-1.31	22.82	36.02	34.00	2.02	17.811	
578.00	577.04	575.53	575.44	1.14	1.04	142.77	-2.16	23.69	39.67	37.51	2.16	18.368	
608.00	606.85	605.11	605.00	1.22	1.10	146.58	-3.02	24.57	43.65	41.35	2.30	18.992	
638.00	636.63	634.67	634.53	1.31	1.16	150.91	-3.88	25.51	48.06	45.62	2.44	19.723	
668.00	666.35	664.22	664.05	1.40	1.23	154.12	-4.72	26.50	52.93	50.35	2.58	20.534	
698.00	696.01	693.68	693.48	1.50	1.30	154.46	-5.53	27.52	58.29	55.57	2.72	21.439	
728.00	725.60	723.16	722.93	1.60	1.36	157.29	-6.30	28.56	64.13	61.27	2.86	22.428	
758.00	755.10	752.74	752.49	1.71	1.43	157.27	-6.92	29.63	70.32	67.32	3.00	23.466	
788.00	784.51	782.07	781.79	1.82	1.49	158.88	-7.49	30.63	76.88	73.74	3.13	24.540	
818.00	813.85	811.44	811.14	1.94	1.55	160.06	-8.04	31.57	83.74	80.48	3.27	25.629	
848.00	843.14	840.63	840.31	2.07	1.61	159.56	-8.52	32.47	90.79	87.39	3.40	26.684	
878.00	872.36	869.32	868.99	2.19	1.67	158.50	-9.06	33.35	98.10	94.56	3.54	27.720	
968.00	959.83	955.60	955.20	2.59	1.86	160.95	-11.11	36.04	121.24	117.29	3.95	30.673	
1,058.00	1,047.08	1,042.17	1,041.71	3.01	2.05	165.43	-13.63	38.44	145.86	141.50	4.36	33.429	
1,148.00	1,134.31	1,130.12	1,129.60	3.40	2.24	167.90	-15.70	40.53	170.20	165.45	4.75	35.797	
1,238.00	1,221.68	1,217.39	1,216.82	3.79	2.43	169.80	-16.85	43.14	193.62	188.47	5.15	37.612	
1,328.00	1,308.97	1,302.68	1,302.04	4.21	2.62	169.91	-18.01	46.39	217.73	212.17	5.56	39.135	
1,418.00	1,396.43	1,388.63	1,387.91	4.62	2.81	170.97	-19.59	49.83	241.62	235.64	5.98	40.389	
1,508.00	1,484.27	1,475.72	1,474.92	4.98	3.00	168.89	-21.45	53.12	264.00	257.62	6.38	41.353	
1,598.00	1,572.12	1,562.69	1,561.81	5.36	3.19	171.29	-23.40	56.27	286.39	279.61	6.79	42.203	
1,688.00	1,659.75	1,648.69	1,647.73	5.77	3.38	174.96	-25.61	59.22	310.06	302.86	7.20	43.073	
1,778.00	1,747.24	1,737.86	1,736.83	6.20	3.58	174.92	-27.68	62.15	334.13	326.51	7.62	43.848	
1,868.00	1,834.80	1,824.76	1,823.67	6.60	3.77	171.12	-29.39	64.90	357.52	349.48	8.04	44.447	
1,958.00	1,922.45	1,910.50	1,909.35	6.99	3.96	168.50	-31.29	67.52	380.52	372.07	8.46	45.000	
2,048.00	2,009.98	1,996.96	1,995.75	7.41	4.15	169.07	-33.46	70.06	404.12	395.24	8.87	45.539	
2,138.00	2,097.47	2,084.86	2,083.59	7.81	4.35	168.53	-35.65	72.50	427.79	418.49	9.30	46.008	
2,228.00	2,185.32	2,173.57	2,172.24	8.19	4.54	171.83	-37.64	74.77	449.78	440.06	9.72	46.277	
2,318.00	2,273.45	2,261.50	2,260.13	8.55	4.73	173.83	-39.48	76.84	470.38	460.26	10.12	46.477	
2,408.00	2,361.49	2,347.00	2,345.58	8.93	4.91	172.23	-41.28	78.80	491.45	480.93	10.52	46.716	
2,437.00	2,389.80	2,347.00	2,345.58	9.06	4.91	172.57	-41.28	78.80	499.37	488.77	10.59	47.140	
2,500.00	2,451.28	2,347.00	2,345.58	9.34	4.91	172.57	-41.28	78.80	521.89	511.13	10.77	48.480	
2,542.20	2,492.45	2,347.00	2,345.58	9.53	4.91	172.57	-41.28	78.80	540.57	529.69	10.88	49.673	
2,565.99	2,515.65	2,347.00	2,345.58	9.64	4.91	170.27	-41.28	78.80	552.33	541.39	10.95	50.452	
2,586.42	2,535.53	2,347.00	2,345.58	9.74	4.91	170.27	-41.28	78.80	563.11	552.10	11.01	51.160	
2,600.00	2,548.76	2,347.00	2,345.58	9.80	4.91	170.30	-41.28	78.80	570.54	559.49	11.05	51.640	
2,700.00	2,646.55	2,347.00	2,345.58	10.22	4.91	170.52	-41.28	78.80	630.31	618.97	11.34	55.593	
2,800.00	2,744.93	2,347.00	2,345.58	10.60	4.91	170.77	-41.28	78.80	697.23	685.62	11.62	60.025	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26P4BS - NBU 921-26P4BS - NBU 921-26P4BS

Offset Site Error: 0.00 ft

Survey Program: 144-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
2,900.00	2,843.81	2,347.00	2,345.58	10.94	4.91	171.06	-41.28	78.80	769.39	757.52	11.88	64.770	
3,000.00	2,943.10	2,347.00	2,345.58	11.25	4.91	171.37	-41.28	78.80	845.39	833.27	12.13	69.717	
3,100.00	3,042.71	2,347.00	2,345.58	11.52	4.91	171.70	-41.28	78.80	924.22	911.87	12.36	74.797	
3,200.00	3,142.53	2,347.00	2,345.58	11.74	4.91	172.04	-41.28	78.80	1,005.15	992.58	12.57	79.965	
3,300.00	3,242.49	2,347.00	2,345.58	11.93	4.91	172.39	-41.28	78.80	1,087.65	1,074.88	12.77	85.198	
3,339.51	3,282.00	2,347.00	2,345.58	11.99	4.91	158.78	-41.28	78.80	1,120.58	1,107.74	12.84	87.279	
3,400.00	3,342.49	2,347.00	2,345.58	12.08	4.91	158.78	-41.28	78.80	1,171.60	1,158.63	12.97	90.320	
3,500.00	3,442.49	2,347.00	2,345.58	12.23	4.91	158.78	-41.28	78.80	1,257.79	1,244.59	13.19	95.341	
3,600.00	3,542.49	2,347.00	2,345.58	12.39	4.91	158.78	-41.28	78.80	1,345.89	1,332.47	13.42	100.293	
3,700.00	3,642.49	2,347.00	2,345.58	12.56	4.91	158.78	-41.28	78.80	1,435.55	1,421.89	13.65	105.151	
3,800.00	3,742.49	2,347.00	2,345.58	12.73	4.91	158.78	-41.28	78.80	1,526.49	1,512.60	13.89	109.899	
3,900.00	3,842.49	2,347.00	2,345.58	12.90	4.91	158.78	-41.28	78.80	1,618.50	1,604.37	14.13	114.523	
4,000.00	3,942.49	2,347.00	2,345.58	13.08	4.91	158.78	-41.28	78.80	1,711.41	1,697.03	14.38	119.017	
4,100.00	4,042.49	2,347.00	2,345.58	13.27	4.91	158.78	-41.28	78.80	1,805.08	1,790.45	14.63	123.377	
4,200.00	4,142.49	2,347.00	2,345.58	13.46	4.91	158.78	-41.28	78.80	1,899.39	1,884.51	14.89	127.601	
4,300.00	4,242.49	2,347.00	2,345.58	13.66	4.91	158.78	-41.28	78.80	1,994.26	1,979.12	15.14	131.689	
4,400.00	4,342.49	2,347.00	2,345.58	13.86	4.91	158.78	-41.28	78.80	2,089.61	2,074.20	15.41	135.642	
4,500.00	4,442.49	2,347.00	2,345.58	14.07	4.91	158.78	-41.28	78.80	2,185.37	2,169.70	15.67	139.463	
4,600.00	4,542.49	2,347.00	2,345.58	14.27	4.91	158.78	-41.28	78.80	2,281.50	2,265.56	15.94	143.155	
4,700.00	4,642.49	2,347.00	2,345.58	14.49	4.91	158.78	-41.28	78.80	2,377.94	2,361.73	16.21	146.721	
4,800.00	4,742.49	2,347.00	2,345.58	14.70	4.91	158.78	-41.28	78.80	2,474.67	2,458.19	16.48	150.166	
4,900.00	4,842.49	2,347.00	2,345.58	14.93	4.91	158.78	-41.28	78.80	2,571.65	2,554.89	16.75	153.493	
5,000.00	4,942.49	2,347.00	2,345.58	15.15	4.91	158.78	-41.28	78.80	2,668.85	2,651.82	17.03	156.706	
5,100.00	5,042.49	2,347.00	2,345.58	15.38	4.91	158.78	-41.28	78.80	2,766.25	2,748.94	17.31	159.810	
5,200.00	5,142.49	2,347.00	2,345.58	15.61	4.91	158.78	-41.28	78.80	2,863.83	2,846.24	17.59	162.809	
5,300.00	5,242.49	2,347.00	2,345.58	15.84	4.91	158.78	-41.28	78.80	2,961.57	2,943.70	17.87	165.707	
5,400.00	5,342.49	2,347.00	2,345.58	16.08	4.91	158.78	-41.28	78.80	3,059.46	3,041.30	18.16	168.508	
5,500.00	5,442.49	2,347.00	2,345.58	16.32	4.91	158.78	-41.28	78.80	3,157.48	3,139.04	18.44	171.216	
5,600.00	5,542.49	2,347.00	2,345.58	16.56	4.91	158.78	-41.28	78.80	3,255.62	3,236.89	18.73	173.835	
5,700.00	5,642.49	2,347.00	2,345.58	16.80	4.91	158.78	-41.28	78.80	3,353.87	3,334.85	19.02	176.368	
5,800.00	5,742.49	2,347.00	2,345.58	17.05	4.91	158.78	-41.28	78.80	3,452.22	3,432.91	19.31	178.820	
5,900.00	5,842.49	2,347.00	2,345.58	17.30	4.91	158.78	-41.28	78.80	3,550.66	3,531.06	19.60	181.193	
6,000.00	5,942.49	2,347.00	2,345.58	17.55	4.91	158.78	-41.28	78.80	3,649.19	3,629.30	19.89	183.490	
6,100.00	6,042.49	2,347.00	2,345.58	17.80	4.91	158.78	-41.28	78.80	3,747.79	3,727.61	20.18	185.716	
6,200.00	6,142.49	2,347.00	2,345.58	18.06	4.91	158.78	-41.28	78.80	3,846.47	3,826.00	20.47	187.872	
6,300.00	6,242.49	2,347.00	2,345.58	18.32	4.91	158.78	-41.28	78.80	3,945.21	3,924.45	20.77	189.962	
6,400.00	6,342.49	2,347.00	2,345.58	18.58	4.91	158.78	-41.28	78.80	4,044.02	4,022.96	21.06	191.989	
6,500.00	6,442.49	2,347.00	2,345.58	18.84	4.91	158.78	-41.28	78.80	4,142.88	4,121.52	21.36	193.954	
6,600.00	6,542.49	2,347.00	2,345.58	19.10	4.91	158.78	-41.28	78.80	4,241.80	4,220.14	21.66	195.861	
6,700.00	6,642.49	2,347.00	2,345.58	19.37	4.91	158.78	-41.28	78.80	4,340.76	4,318.81	21.95	197.712	
6,800.00	6,742.49	2,347.00	2,345.58	19.63	4.91	158.78	-41.28	78.80	4,439.78	4,417.52	22.25	199.510	
6,900.00	6,842.49	2,347.00	2,345.58	19.90	4.91	158.78	-41.28	78.80	4,538.83	4,516.28	22.55	201.255	
7,000.00	6,942.49	2,347.00	2,345.58	20.17	4.91	158.78	-41.28	78.80	4,637.93	4,615.08	22.85	202.951	
7,100.00	7,042.49	2,347.00	2,345.58	20.44	4.91	158.78	-41.28	78.80	4,737.06	4,713.91	23.15	204.600	
7,200.00	7,142.49	2,347.00	2,345.58	20.71	4.91	158.78	-41.28	78.80	4,836.23	4,812.78	23.45	206.202	
7,300.00	7,242.49	2,347.00	2,345.58	20.98	4.91	158.78	-41.28	78.80	4,935.44	4,911.68	23.76	207.761	
7,400.00	7,342.49	2,347.00	2,345.58	21.26	4.91	158.78	-41.28	78.80	5,034.67	5,010.61	24.06	209.277	
7,500.00	7,442.49	2,347.00	2,345.58	21.53	4.91	158.78	-41.28	78.80	5,133.94	5,109.58	24.36	210.752	
7,600.00	7,542.49	2,347.00	2,345.58	21.81	4.91	158.78	-41.28	78.80	5,233.23	5,208.56	24.66	212.189	
7,700.00	7,642.49	2,347.00	2,345.58	22.09	4.91	158.78	-41.28	78.80	5,332.55	5,307.58	24.97	213.587	
7,800.00	7,742.49	2,347.00	2,345.58	22.37	4.91	158.78	-41.28	78.80	5,431.89	5,406.62	25.27	214.950	
7,900.00	7,842.49	2,347.00	2,345.58	22.65	4.91	158.78	-41.28	78.80	5,531.26	5,505.68	25.57	216.277	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26P4BS - NBU 921-26P4BS - NBU 921-26P4BS

Offset Site Error: 0.00 ft

Survey Program: 144-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
8,000.00	7,942.49	2,347.00	2,345.58	22.93	4.91	158.78	-41.28	78.80	5,630.65	5,604.77	25.88	217.570	
8,100.00	8,042.49	2,347.00	2,345.58	23.21	4.91	158.78	-41.28	78.80	5,730.06	5,703.87	26.18	218.832	
8,200.00	8,142.49	2,347.00	2,345.58	23.49	4.91	158.78	-41.28	78.80	5,829.49	5,803.00	26.49	220.061	
8,300.00	8,242.49	2,347.00	2,345.58	23.78	4.91	158.78	-41.28	78.80	5,928.94	5,902.15	26.80	221.261	
8,400.00	8,342.49	2,347.00	2,345.58	24.06	4.91	158.78	-41.28	78.80	6,028.41	6,001.31	27.10	222.431	
8,500.00	8,442.49	2,347.00	2,345.58	24.35	4.91	158.78	-41.28	78.80	6,127.90	6,100.49	27.41	223.573	
8,600.00	8,542.49	2,347.00	2,345.58	24.63	4.91	158.78	-41.28	78.80	6,227.40	6,199.68	27.72	224.688	
8,700.00	8,642.49	2,347.00	2,345.58	24.92	4.91	158.78	-41.28	78.80	6,326.92	6,298.89	28.02	225.777	
8,800.00	8,742.49	2,347.00	2,345.58	25.21	4.91	158.78	-41.28	78.80	6,426.45	6,398.12	28.33	226.841	
8,900.00	8,842.49	2,347.00	2,345.58	25.50	4.91	158.78	-41.28	78.80	6,526.00	6,497.36	28.64	227.880	
9,000.00	8,942.49	2,347.00	2,345.58	25.78	4.91	158.78	-41.28	78.80	6,625.56	6,596.61	28.95	228.895	
9,100.00	9,042.49	2,347.00	2,345.58	26.07	4.91	158.78	-41.28	78.80	6,725.13	6,695.88	29.25	229.887	
9,200.00	9,142.49	2,347.00	2,345.58	26.36	4.91	158.78	-41.28	78.80	6,824.72	6,795.16	29.56	230.857	
9,300.00	9,242.49	2,347.00	2,345.58	26.66	4.91	158.78	-41.28	78.80	6,924.32	6,894.45	29.87	231.806	
9,400.00	9,342.49	2,347.00	2,345.58	26.95	4.91	158.78	-41.28	78.80	7,023.93	6,993.75	30.18	232.734	
9,500.00	9,442.49	2,347.00	2,345.58	27.24	4.91	158.78	-41.28	78.80	7,123.55	7,093.06	30.49	233.641	
9,600.00	9,542.49	2,347.00	2,345.58	27.53	4.91	158.78	-41.28	78.80	7,223.18	7,192.38	30.80	234.530	
9,700.00	9,642.49	2,347.00	2,345.58	27.83	4.91	158.78	-41.28	78.80	7,322.82	7,291.71	31.11	235.399	
9,800.00	9,742.49	2,347.00	2,345.58	28.12	4.91	158.78	-41.28	78.80	7,422.47	7,391.05	31.42	236.250	
9,900.00	9,842.49	2,347.00	2,345.58	28.41	4.91	158.78	-41.28	78.80	7,522.13	7,490.40	31.73	237.083	
10,000.00	9,942.49	2,347.00	2,345.58	28.71	4.91	158.78	-41.28	78.80	7,621.80	7,589.76	32.04	237.900	
10,100.00	10,042.49	2,347.00	2,345.58	29.00	4.91	158.78	-41.28	78.80	7,721.48	7,689.13	32.35	238.699	
10,200.00	10,142.49	2,347.00	2,345.58	29.30	4.91	158.78	-41.28	78.80	7,821.16	7,788.50	32.66	239.482	
10,300.00	10,242.49	2,347.00	2,345.58	29.60	4.91	158.78	-41.28	78.80	7,920.86	7,887.89	32.97	240.250	
10,400.00	10,342.49	2,347.00	2,345.58	29.89	4.91	158.78	-41.28	78.80	8,020.56	7,987.28	33.28	241.002	
10,500.00	10,442.49	2,347.00	2,345.58	30.19	4.91	158.78	-41.28	78.80	8,120.27	8,086.68	33.59	241.739	
10,600.00	10,542.49	2,347.00	2,345.58	30.49	4.91	158.78	-41.28	78.80	8,219.98	8,186.08	33.90	242.463	
10,700.00	10,642.49	2,347.00	2,345.58	30.79	4.91	158.78	-41.28	78.80	8,319.71	8,285.49	34.21	243.172	
10,797.51	10,740.00	2,347.00	2,345.58	31.08	4.91	158.78	-41.28	78.80	8,416.95	8,382.43	34.52	243.850	

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26P4BS - NBU 921-26P4BS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 144-MWD, 2347-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	87.90	0.73	19.89	19.90				
169.00	169.00	169.08	169.08	0.16	0.18	126.81	0.99	19.77	19.98	19.64	0.35	57.896	
189.59	189.59	189.65	189.65	0.21	0.23	118.56	0.98	19.68	19.95	19.52	0.43	46.152	
199.00	199.00	199.04	199.04	0.23	0.24	116.69	0.98	19.66	19.96	19.49	0.47	42.292	
228.00	228.00	228.04	228.04	0.29	0.30	118.35	0.98	19.61	20.03	19.44	0.60	33.596	
256.00	256.00	256.03	256.03	0.36	0.36	102.79	0.97	19.56	20.10	19.38	0.72	28.071	
285.00	284.99	285.02	285.02	0.42	0.42	98.28	0.97	19.52	20.17	19.33	0.84	23.985	ES
313.00	312.97	313.02	313.02	0.49	0.48	109.07	1.01	19.47	20.34	19.38	0.96	21.079	
342.00	341.95	342.02	342.02	0.56	0.54	113.11	1.12	19.40	20.69	19.60	1.09	18.926	
371.00	370.90	370.86	370.86	0.63	0.60	120.03	1.13	19.34	21.38	20.16	1.22	17.484	
401.00	400.82	400.59	400.59	0.70	0.66	122.11	0.98	19.49	22.69	21.34	1.36	16.720	
430.00	429.72	429.28	429.28	0.77	0.72	127.62	0.73	19.83	24.49	23.00	1.49	16.408	SF
461.00	460.59	459.88	459.87	0.85	0.79	131.86	0.33	20.41	27.02	25.38	1.64	16.493	
490.00	489.45	488.52	488.49	0.92	0.85	136.01	-0.10	21.14	29.81	28.04	1.77	16.821	
517.00	516.33	515.17	515.13	0.99	0.91	139.26	-0.61	21.91	32.68	30.78	1.90	17.238	
547.00	546.19	544.83	544.77	1.06	0.97	140.03	-1.31	22.82	36.02	34.00	2.02	17.811	
578.00	577.04	575.53	575.44	1.14	1.04	142.77	-2.16	23.69	39.67	37.51	2.16	18.368	
608.00	606.85	605.11	605.00	1.22	1.10	146.58	-3.02	24.57	43.65	41.35	2.30	18.992	
638.00	636.63	634.67	634.53	1.31	1.16	150.91	-3.88	25.51	48.06	45.62	2.44	19.723	
668.00	666.35	664.22	664.05	1.40	1.23	154.12	-4.72	26.50	52.93	50.35	2.58	20.534	
698.00	696.01	693.68	693.48	1.50	1.30	154.46	-5.53	27.52	58.29	55.57	2.72	21.439	
728.00	725.60	723.16	722.93	1.60	1.36	157.29	-6.30	28.56	64.13	61.27	2.86	22.428	
758.00	755.10	752.74	752.49	1.71	1.43	157.27	-6.92	29.63	70.32	67.32	3.00	23.466	
788.00	784.51	782.07	781.79	1.82	1.49	158.88	-7.49	30.63	76.88	73.74	3.13	24.540	
818.00	813.85	811.44	811.14	1.94	1.55	160.06	-8.04	31.57	83.74	80.48	3.27	25.629	
848.00	843.14	840.63	840.31	2.07	1.61	159.56	-8.52	32.47	90.79	87.39	3.40	26.684	
878.00	872.36	869.32	868.99	2.19	1.67	158.50	-9.06	33.35	98.10	94.56	3.54	27.720	
968.00	959.83	955.60	955.20	2.59	1.86	160.95	-11.11	36.04	121.24	117.29	3.95	30.673	
1,058.00	1,047.08	1,042.17	1,041.71	3.01	2.05	165.43	-13.63	38.44	145.86	141.50	4.36	33.429	
1,148.00	1,134.31	1,130.12	1,129.60	3.40	2.24	167.90	-15.70	40.53	170.20	165.45	4.75	35.797	
1,238.00	1,221.68	1,217.39	1,216.82	3.79	2.43	169.80	-16.85	43.14	193.62	188.47	5.15	37.612	
1,328.00	1,308.97	1,302.68	1,302.04	4.21	2.62	169.91	-18.01	46.39	217.73	212.17	5.56	39.135	
1,418.00	1,396.43	1,388.63	1,387.91	4.62	2.81	170.97	-19.59	49.83	241.62	235.64	5.98	40.389	
1,508.00	1,484.27	1,475.72	1,474.92	4.98	3.00	168.89	-21.45	53.12	264.00	257.62	6.38	41.353	
1,598.00	1,572.12	1,562.69	1,561.81	5.36	3.19	171.29	-23.40	56.27	286.39	279.61	6.79	42.203	
1,688.00	1,659.75	1,648.69	1,647.73	5.77	3.38	174.96	-25.61	59.22	310.06	302.86	7.20	43.073	
1,778.00	1,747.24	1,737.86	1,736.83	6.20	3.58	174.92	-27.68	62.15	334.13	326.51	7.62	43.848	
1,868.00	1,834.80	1,824.76	1,823.67	6.60	3.77	171.12	-29.39	64.90	357.52	349.48	8.04	44.447	
1,958.00	1,922.45	1,910.50	1,909.35	6.99	3.96	168.50	-31.29	67.52	380.52	372.07	8.46	45.000	
2,048.00	2,009.98	1,996.96	1,995.75	7.41	4.15	169.07	-33.46	70.06	404.12	395.24	8.87	45.539	
2,138.00	2,097.47	2,084.86	2,083.59	7.81	4.35	168.53	-35.65	72.50	427.79	418.49	9.30	46.008	
2,228.00	2,185.32	2,173.57	2,172.24	8.19	4.54	171.83	-37.64	74.77	449.78	440.06	9.72	46.277	
2,318.00	2,273.45	2,261.50	2,260.13	8.55	4.73	173.83	-39.48	76.84	470.38	460.26	10.12	46.477	
2,408.00	2,361.49	2,349.03	2,347.62	8.93	4.92	172.23	-41.32	78.85	491.44	480.92	10.52	46.695	
2,437.00	2,389.80	2,377.17	2,375.74	9.06	4.98	172.61	-41.89	79.55	498.45	487.79	10.66	46.758	
2,500.00	2,451.28	2,438.26	2,436.79	9.34	5.11	172.71	-43.12	81.07	513.85	502.89	10.96	46.871	
2,542.20	2,492.45	2,474.32	2,472.83	9.53	5.19	172.75	-43.91	82.04	524.28	513.12	11.16	46.986	
2,565.99	2,515.65	2,492.83	2,491.32	9.64	5.24	170.64	-44.46	82.73	530.50	519.24	11.26	47.108	
2,586.42	2,535.53	2,500.00	2,498.48	9.74	5.25	170.65	-44.70	83.03	536.17	524.83	11.34	47.296	
2,600.00	2,548.76	2,519.11	2,517.56	9.80	5.30	170.67	-45.43	83.95	539.84	528.42	11.42	47.257	
2,700.00	2,646.55	2,600.00	2,598.14	10.22	5.51	170.68	-49.79	89.48	567.81	555.90	11.91	47.674	
2,800.00	2,744.93	2,671.48	2,669.03	10.60	5.73	170.53	-55.37	96.61	596.19	583.81	12.38	48.146	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26P4BS - NBU 921-26P4BS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 144-MWD, 2347-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
2,900.00	2,843.81	2,746.17	2,742.70	10.94	5.98	170.22	-62.94	106.30	625.03	612.17	12.86	48.585	
3,000.00	2,943.10	2,819.80	2,814.80	11.25	6.25	169.79	-72.13	118.07	654.31	640.97	13.34	49.041	
3,100.00	3,042.71	2,900.00	2,892.61	11.52	6.59	169.18	-84.06	133.38	684.10	670.26	13.84	49.427	
3,200.00	3,142.53	2,963.66	2,953.75	11.74	6.91	168.65	-94.94	147.37	714.24	699.95	14.29	49.982	
3,300.00	3,242.49	3,034.03	3,020.60	11.93	7.29	167.98	-108.42	164.69	744.92	730.17	14.76	50.484	
3,339.51	3,282.00	3,071.27	3,055.77	11.99	7.52	153.85	-115.94	174.36	756.93	741.96	14.98	50.544	
3,400.00	3,342.49	3,128.40	3,109.72	12.08	7.87	153.21	-127.48	189.20	775.06	759.73	15.33	50.553	
3,500.00	3,442.49	3,222.83	3,198.89	12.23	8.49	152.22	-146.55	213.72	805.20	789.28	15.92	50.565	
3,600.00	3,542.49	3,317.26	3,288.07	12.39	9.14	151.30	-165.62	238.25	835.56	819.03	16.53	50.550	
3,700.00	3,642.49	3,411.70	3,377.24	12.56	9.81	150.44	-184.70	262.77	866.10	848.95	17.14	50.517	
3,800.00	3,742.49	3,506.13	3,466.42	12.73	10.50	149.64	-203.77	287.29	896.80	879.03	17.77	50.471	
3,900.00	3,842.49	3,600.56	3,555.60	12.90	11.20	148.89	-222.84	311.82	927.66	909.26	18.40	50.419	
4,000.00	3,942.49	3,694.99	3,644.77	13.08	11.92	148.19	-241.92	336.34	958.65	939.62	19.04	50.359	
4,100.00	4,042.49	3,789.43	3,733.95	13.27	12.65	147.53	-260.99	360.87	989.77	970.09	19.68	50.298	
4,200.00	4,142.49	3,883.86	3,823.12	13.46	13.39	146.92	-280.06	385.39	1,021.00	1,000.67	20.32	50.235	
4,300.00	4,242.49	3,978.29	3,912.30	13.66	14.14	146.33	-299.14	409.92	1,052.32	1,031.35	20.97	50.173	
4,400.00	4,342.49	4,072.73	4,001.47	13.86	14.89	145.79	-318.21	434.44	1,083.75	1,062.12	21.63	50.110	
4,500.00	4,442.49	4,167.16	4,090.65	14.07	15.65	145.27	-337.28	458.97	1,115.26	1,092.97	22.28	50.049	
4,600.00	4,542.49	4,261.59	4,179.83	14.27	16.41	144.78	-356.36	483.49	1,146.84	1,123.90	22.94	49.988	
4,700.00	4,642.49	4,356.03	4,269.00	14.49	17.18	144.32	-375.43	508.02	1,178.50	1,154.90	23.60	49.928	
4,800.00	4,742.49	4,450.46	4,358.18	14.70	17.95	143.88	-394.50	532.54	1,210.22	1,185.96	24.27	49.870	
4,900.00	4,842.49	4,544.89	4,447.35	14.93	18.72	143.46	-413.58	557.07	1,242.01	1,217.08	24.93	49.812	
5,000.00	4,942.49	4,639.32	4,536.53	15.15	19.50	143.06	-432.65	581.59	1,273.85	1,248.25	25.60	49.756	
5,100.00	5,042.49	4,733.76	4,625.71	15.38	20.28	142.69	-451.72	606.11	1,305.75	1,279.47	26.27	49.701	
5,200.00	5,142.49	4,828.19	4,714.88	15.61	21.06	142.33	-470.80	630.64	1,337.69	1,310.74	26.94	49.646	
5,300.00	5,242.49	4,922.62	4,804.06	15.84	21.84	141.99	-489.87	655.16	1,369.68	1,342.06	27.62	49.593	
5,400.00	5,342.49	5,017.06	4,893.23	16.08	22.63	141.66	-508.94	679.69	1,401.71	1,373.41	28.29	49.541	
5,500.00	5,442.49	5,111.49	4,982.41	16.32	23.41	141.35	-528.02	704.21	1,433.78	1,404.81	28.97	49.489	
5,600.00	5,542.49	5,205.92	5,071.59	16.56	24.20	141.05	-547.09	728.74	1,465.88	1,436.23	29.65	49.439	
5,700.00	5,642.49	5,300.36	5,160.76	16.80	24.99	140.76	-566.16	753.26	1,498.03	1,467.69	30.33	49.389	
5,800.00	5,742.49	5,394.79	5,249.94	17.05	25.78	140.49	-585.24	777.79	1,530.20	1,499.19	31.01	49.340	
5,900.00	5,842.49	5,489.22	5,339.11	17.30	26.57	140.23	-604.31	802.31	1,562.40	1,530.71	31.70	49.292	
6,000.00	5,942.49	5,583.65	5,428.29	17.55	27.36	139.97	-623.38	826.84	1,594.64	1,562.25	32.38	49.245	
6,100.00	6,042.49	5,678.09	5,517.47	17.80	28.16	139.73	-642.46	851.36	1,626.89	1,593.83	33.07	49.198	
6,200.00	6,142.49	5,772.52	5,606.64	18.06	28.95	139.50	-661.53	875.89	1,659.18	1,625.42	33.76	49.152	
6,300.00	6,242.49	5,866.95	5,695.82	18.32	29.74	139.27	-680.60	900.41	1,691.49	1,657.04	34.45	49.107	
6,400.00	6,342.49	5,961.39	5,784.99	18.58	30.54	139.06	-699.68	924.93	1,723.82	1,688.68	35.14	49.062	
6,500.00	6,442.49	6,055.82	5,874.17	18.84	31.34	138.85	-718.75	949.46	1,756.17	1,720.34	35.83	49.018	
6,600.00	6,542.49	6,150.25	5,963.35	19.10	32.13	138.65	-737.82	973.98	1,788.54	1,752.02	36.52	48.975	
6,700.00	6,642.49	6,244.69	6,052.52	19.37	32.93	138.46	-756.90	998.51	1,820.93	1,783.72	37.21	48.933	
6,800.00	6,742.49	6,339.12	6,141.70	19.63	33.73	138.27	-775.97	1,023.03	1,853.34	1,815.43	37.91	48.891	
6,900.00	6,842.49	6,433.55	6,230.87	19.90	34.52	138.09	-795.04	1,047.56	1,885.76	1,847.16	38.60	48.849	
7,000.00	6,942.49	6,527.98	6,320.05	20.17	35.32	137.92	-814.11	1,072.08	1,918.20	1,878.90	39.30	48.809	
7,100.00	7,042.49	6,622.42	6,409.22	20.44	36.12	137.75	-833.19	1,096.61	1,950.66	1,910.66	40.00	48.768	
7,200.00	7,142.49	6,716.85	6,498.40	20.71	36.92	137.59	-852.26	1,121.13	1,983.13	1,942.44	40.70	48.729	
7,300.00	7,242.49	7,024.93	6,794.21	20.98	38.61	137.16	-904.78	1,188.66	2,010.60	1,968.49	42.11	47.743	
7,400.00	7,342.49	7,349.31	7,113.69	21.26	39.75	136.91	-938.67	1,232.24	2,027.45	1,984.06	43.39	46.729	
7,500.00	7,442.49	7,678.84	7,442.49	21.53	40.40	136.83	-950.19	1,247.05	2,033.03	1,988.56	44.47	45.717	
7,600.00	7,542.49	7,778.84	7,542.49	21.81	40.53	136.83	-950.19	1,247.05	2,033.03	1,988.05	44.98	45.203	
7,700.00	7,642.49	7,878.84	7,642.49	22.09	40.66	136.83	-950.19	1,247.05	2,033.03	1,987.55	45.48	44.700	
7,800.00	7,742.49	7,978.84	7,742.49	22.37	40.80	136.83	-950.19	1,247.05	2,033.03	1,987.04	45.99	44.205	
7,900.00	7,842.49	8,078.84	7,842.49	22.65	40.94	136.83	-950.19	1,247.05	2,033.03	1,986.52	46.50	43.718	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26P4BS - NBU 921-26P4BS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 144-MWD, 2347-MWD

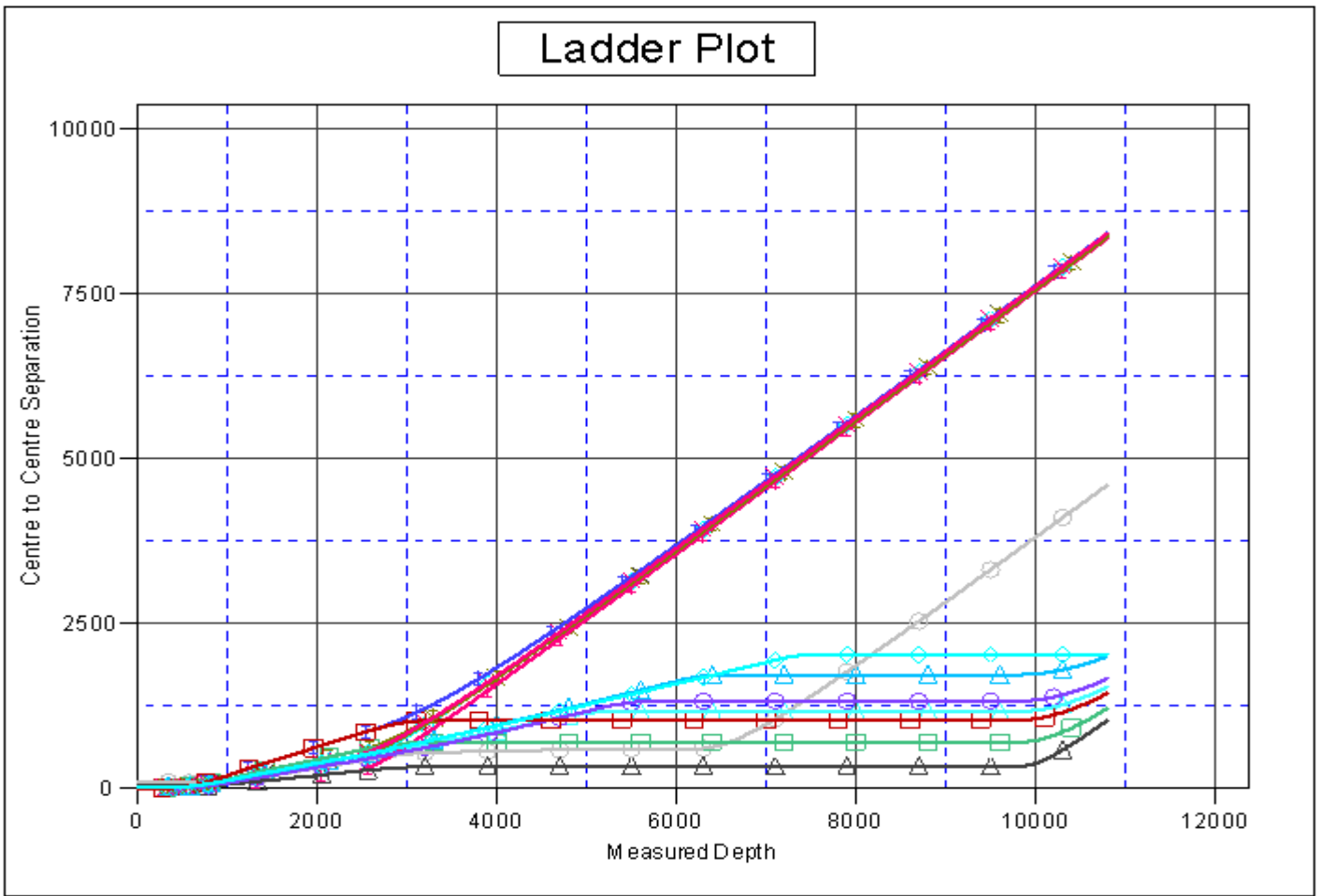
Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
8,000.00	7,942.49	8,178.84	7,942.49	22.93	41.08	136.83	-950.19	1,247.05	2,033.03	1,986.01	47.02	43.239	
8,100.00	8,042.49	8,278.84	8,042.49	23.21	41.22	136.83	-950.19	1,247.05	2,033.03	1,985.49	47.54	42.768	
8,200.00	8,142.49	8,378.84	8,142.49	23.49	41.36	136.83	-950.19	1,247.05	2,033.03	1,984.97	48.06	42.305	
8,300.00	8,242.49	8,478.84	8,242.49	23.78	41.51	136.83	-950.19	1,247.05	2,033.03	1,984.45	48.58	41.850	
8,400.00	8,342.49	8,578.84	8,342.49	24.06	41.66	136.83	-950.19	1,247.05	2,033.03	1,983.92	49.10	41.403	
8,500.00	8,442.49	8,678.84	8,442.49	24.35	41.81	136.83	-950.19	1,247.05	2,033.03	1,983.40	49.63	40.963	
8,600.00	8,542.49	8,778.84	8,542.49	24.63	41.96	136.83	-950.19	1,247.05	2,033.03	1,982.87	50.16	40.530	
8,700.00	8,642.49	8,878.84	8,642.49	24.92	42.11	136.83	-950.19	1,247.05	2,033.03	1,982.33	50.69	40.105	
8,800.00	8,742.49	8,978.84	8,742.49	25.21	42.27	136.83	-950.19	1,247.05	2,033.03	1,981.80	51.23	39.686	
8,900.00	8,842.49	9,078.84	8,842.49	25.50	42.42	136.83	-950.19	1,247.05	2,033.03	1,981.26	51.76	39.275	
9,000.00	8,942.49	9,178.84	8,942.49	25.78	42.58	136.83	-950.19	1,247.05	2,033.03	1,980.72	52.30	38.871	
9,100.00	9,042.49	9,278.84	9,042.49	26.07	42.74	136.83	-950.19	1,247.05	2,033.03	1,980.18	52.84	38.474	
9,200.00	9,142.49	9,378.84	9,142.49	26.36	42.91	136.83	-950.19	1,247.05	2,033.03	1,979.64	53.38	38.083	
9,300.00	9,242.49	9,478.84	9,242.49	26.66	43.07	136.83	-950.19	1,247.05	2,033.03	1,979.10	53.93	37.699	
9,400.00	9,342.49	9,578.84	9,342.49	26.95	43.24	136.83	-950.19	1,247.05	2,033.03	1,978.55	54.47	37.321	
9,500.00	9,442.49	9,678.84	9,442.49	27.24	43.40	136.83	-950.19	1,247.05	2,033.03	1,978.00	55.02	36.949	
9,600.00	9,542.49	9,778.84	9,542.49	27.53	43.57	136.83	-950.19	1,247.05	2,033.03	1,977.45	55.57	36.584	
9,700.00	9,642.49	9,878.84	9,642.49	27.83	43.74	136.83	-950.19	1,247.05	2,033.03	1,976.90	56.12	36.224	
9,800.00	9,742.49	9,978.84	9,742.49	28.12	43.92	136.83	-950.19	1,247.05	2,033.03	1,976.35	56.68	35.871	
9,900.00	9,842.49	10,078.84	9,842.49	28.41	44.09	136.83	-950.19	1,247.05	2,033.03	1,975.80	57.23	35.524	
10,000.00	9,942.49	10,178.84	9,942.49	28.71	44.27	136.83	-950.19	1,247.05	2,033.03	1,975.24	57.79	35.182	
10,100.00	10,042.49	10,278.84	10,042.49	29.00	44.44	136.83	-950.19	1,247.05	2,033.03	1,974.68	58.34	34.846	
10,200.00	10,142.49	10,378.84	10,142.49	29.30	44.62	136.83	-950.19	1,247.05	2,033.03	1,974.12	58.90	34.515	
10,300.00	10,242.49	10,478.84	10,242.49	29.60	44.80	136.83	-950.19	1,247.05	2,033.03	1,973.56	59.46	34.189	
10,400.00	10,342.49	10,578.84	10,342.49	29.89	44.99	136.83	-950.19	1,247.05	2,033.03	1,973.00	60.03	33.869	
10,500.00	10,442.49	10,678.84	10,442.49	30.19	45.17	136.83	-950.19	1,247.05	2,033.03	1,972.44	60.59	33.555	
10,600.00	10,542.49	10,778.84	10,542.49	30.49	45.35	136.83	-950.19	1,247.05	2,033.03	1,971.87	61.15	33.245	
10,665.81	10,608.31	10,844.65	10,608.31	30.68	45.48	136.83	-950.19	1,247.05	2,033.03	1,971.50	61.53	33.044	
10,700.00	10,642.49	10,876.34	10,640.00	30.79	45.54	136.83	-950.19	1,247.05	2,033.03	1,971.32	61.71	32.943	
10,797.51	10,740.00	10,876.34	10,640.00	31.08	45.54	136.83	-950.19	1,247.05	2,035.48	1,973.47	62.01	32.823	

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Reference Depths are relative to WELL @ 5035.00ft (Original Well Ele\Coordinates are relative to: NBU 921-26J3AS
Offset Depths are relative to Offset Datum
Coordinate System is Universal Transverse Mercator (US Survey Feet), Zone 12N
Central Meridian is 111° 0' 0.000 W °
Grid Convergence at Surface is: 0.95°



LEGEND

J154 EXISTING, NBU 154 EXISTING V0
21-26I3DS, NBU 921-26I3DS V0
21-26I3DS, PLAN#11-6-10 RHS V0
21-26J3DS, NBU 921-26J3DS V0
21-26J3DS, PLAN#11-6-10 RHS V0
NBU921-26O1BS, NBU921-26O1BS, NBU921-26O1BS V0
NBU921-26O1BS, NBU921-26O1BS, PLAN#11-6-10 RHS V0
NBU921-26O2CS, NBU921-26O2CS, NBU921-26O2CS V0
NBU921-26O2CS, NBU921-26O2CS, PLAN#11-6-10 RHS V0
NBU921-26O2DS, NBU921-26O2DS, NBU921-26O2DS V0
NBU921-26O2DS, NBU921-26O2
NBU921-26O3BS, NBU921-26O3
NBU921-26O3BS, NBU921-26O3
NBU921-26P4BS, NBU921-26P4
NBU921-26P4BS, NBU921-26P4

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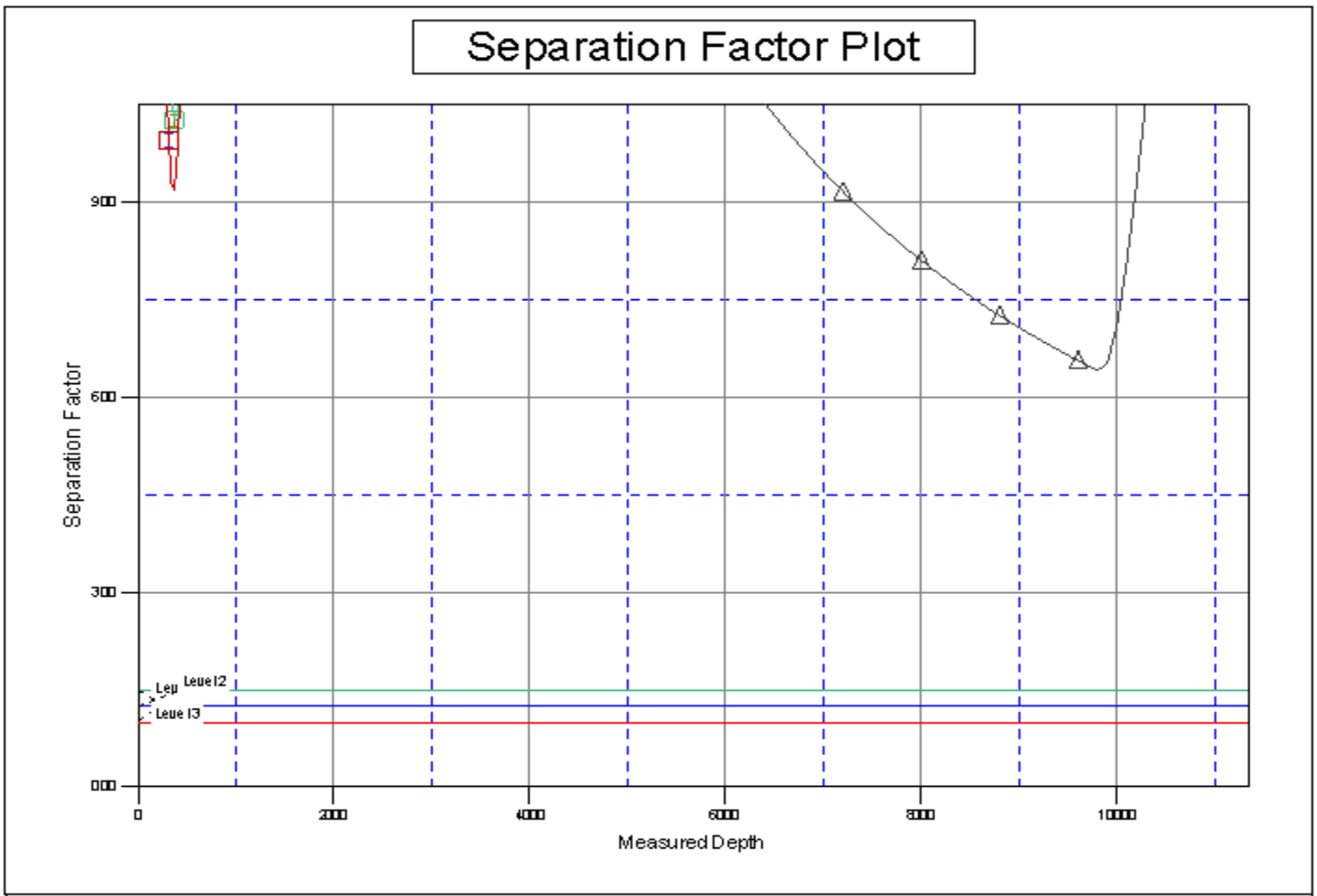
Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Reference Depths are relative to WELL @ 5035.00ft (Original Well Ele\Coordinates are relative to: NBU 921-26J3AS
Offset Depths are relative to Offset Datum
Coordinate System is Universal Transverse Mercator (US Survey Feet), Zone 12N
Central Meridian is 111° 0' 0.000 W °
Grid Convergence at Surface is: 0.95°



LEGEND

J154 EXISTING, NBU 154 EXISTING V0
21-26I3DS, NBU 921-26I3DS V0
21-26I3DS, PLAN #11-6-10 RHS V0
21-26J3DS, NBU 921-26J3DS V0
21-26J3DS, PLAN #11-6-10 RHS V0
NBU921-26O1BS, NBU921-26O1BS, NBU921-26O1BS V0
NBU921-26O1BS, NBU921-26O1BS, PLAN#11-6-10 RHS V0
NBU921-26O2CS, NBU921-26O2CS, NBU921-26O2CS V0
NBU921-26O2CS, NBU921-26O2CS, PLAN#11-6-10 RHS V0
NBU921-26O2DS, NBU921-26O2DS, NBU921-26O2DS V0
NBU921-26O2DS, NBU921-26O2
NBU921-26O3BS, NBU921-26O3
NBU921-26O3BS, NBU921-26O3
NBU921-26P4BS, NBU921-26P4E
NBU921-26P4BS, NBU921-26P4I

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API Well No: 43047508830000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: ML 22934

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: NBU 921-26J3AS

2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.

9. API NUMBER: 43047508830000

3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779

PHONE NUMBER: 720 929-6007 Ext

9. FIELD and POOL or WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1437 FSL 1841 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 26 Township: 09.0S Range: 21.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ NOTICE OF INTENT — Approximate date work will start:
- ☐ SUBSEQUENT REPORT — Date of Work Completion:
- ☐ SPUD REPORT — Date of Spud:
- ✓ DRILLING REPORT — Report Date: 3/8/2010

TYPE OF ACTION

☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

MIRU PROPETRO AIR RIG ON 03/04/2010. DRILLED 11" SURFACE HOLE TO 2740'. RAN 8 5/8 28# J-55 SURFACE CASING. TEST LINES TO 2000 PSI. PUMP 100 BBLS OF WATER. PUMP 20 BBLS OF GEL WATER. PUMP 180 SX OF 11 PPG, 3.82 YIELD HI FILL LEAD CEMENT. PUMP 175 SX OF 15.8 PPG, 1.15 YIELD CLASS G PREMIUM LITE TAIL CEMENT. DROP PLUG ON FLY. DISPLACE W/ 143 BBLS OF WATER. 410 PSI OF LIFT. BUMP PLUG W/ 900 PSI. FLOATS HELD. CIRC THROUGHOUT JOB. TOP OUT W/ 175 SX OF 15.8 PPG, 1.15 YIELD CLASS G PREMIUM LITE CEMENT. CEMENT FELL, WILL TOP OUT W/ CEMENT ON NEXT WELL. WORT.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
March 09, 2010

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Laura Gianakos	307 752-1169	Regulatory Affairs Supervisor

SIGNATURE	DATE
N/A	3/8/2010

RECEIVED March 08, 2010

API Well No: 43047508830000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

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6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: NBU 921-26J3AS

2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.

9. API NUMBER: 43047508830000

3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779

PHONE NUMBER: 720 929-6007 Ext

9. FIELD and POOL or WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1437 FSL 1841 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 26 Township: 09.0S Range: 21.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 4/10/2010	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Change TD, target form

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Kerr-McGee Oil & Gas Onshore LP (KMG) respectfully requests to change the total depth (TD) and target formation for this well. Please see the attached 10-point plan, drilling diagram and directional drilling plan for additional details. All other information remains the same. Please contact the undersigned with any questions and/or comments. Thank you.

Approved by the Utah Division of Oil, Gas and Mining

Date: April 07, 2010

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Kathy Schneebeck-Dulnoan	720 929-6007	Staff Regulatory Analyst

SIGNATURE	DATE
N/A	4/1/2010

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The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047508830000

A sundry notice of intent should be submitted detailing completion proposal prior to commencing completion operations.

A commingling request will also need to be submitted and approved if the proposal is to commingle the production from the Mancos formation with production from the Wasatch and Mesaverde formations.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: April 07, 2010

By:

Well name:	**43047508830000 NBU 922-26J3ASrev.**
Operator:	**Kerr McGee Oil & Gas Onshore L.P.**
String type:	Production
Project ID:	43-047-50883-0000
Location:	Uintah County, Utah

Design parameters:

Collapse

Mud weight: 12.500 ppg

Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 2,249 psi

Internal gradient: 0.439 psi/ft

Calculated BHP 6,934 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

8 Round STC:	1.80 (J)
8 Round LTC:	1.80 (J)
Buttress:	1.60 (J)
Premium:	1.50 (J)
Body yield:	1.50 (B)

Tension is based on buoyed weight.

Neutral point: 8,745 ft

Environment:

H2S considered?	No
Surface temperature:	75 °F
Bottom hole temperature:	225 °F
Temperature gradient:	1.40 °F/100ft
Minimum section length:	1,500 ft
Cement top:	292 ft

Directional well information:

Kick-off point	1950 ft
Departure at shoe:	444 ft
Maximum dogleg:	3 °/100ft
Inclination at shoe:	0 °

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	10740	4.5	11.60	HCP-110	LT&C	10679	10740	3.875	937.2

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	6934	8650	1.247	6934	10690	1.54	101	279	2.77 J

Approved by the Utah Division of Oil, Gas and Mining

Date: April 07, 2010

By:

Prepared by: Dustin K. Doucet, Div of Oil,Gas & Mining

Phone: (801) 538-5281

FAX: (801) 359-3940

Date: April 7,2010

Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 10679 ft, a mud weight of 12.5 ppg The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.
Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.

NBU 921-26J3AS
Pad: NBU 921-26J
Surface: 1,437' FSL 1,841' FEL (NW/4SE/4)
BHL: 1,969' FSL 1,985' FEL (NW/4SE/4)
Sec. 26 T9S R21E

Uintah, Utah
Mineral Lease: ML 22934

ONSHORE ORDER NO. 1

DRILLING PROGRAM

REVISED (04/01/10)

1. – 2. Estimated Tops of Important Geologic Markers:
Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:

Formation	Depth	Resource
Uinta	0 – Surface	
Green River	1,513'	
Birds Nest	1,813'	Water
Mahogany	2,179'	Water
Wasatch	4,782'	Gas
Mesaverde	7,518'	Gas
MVU2	8,408'	Gas
MVL1	8,997'	Gas
Sego	9,761'	Gas
Castlegate	9,874'	Gas
MN5	10,245'	Gas
TVD	10,740'	
TD	10,798'	

3. Pressure Control Equipment (Schematic Attached)

Please refer to the attached Drilling Program.

4. Proposed Casing & Cementing Program:

Please refer to the attached Drilling Program.

5. Drilling Fluids Program:

Please refer to the attached Drilling Program.

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6. Evaluation Program:

Please refer to the attached Drilling Program.

7. Abnormal Conditions:

Maximum anticipated bottomhole pressure calculated at 10,740' TD, approximately equals 6,859 psi (calculated at 0.64 psi/foot).

Maximum anticipated surface pressure equals approximately 4,496 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. Anticipated Starting Dates:

Drilling is planned to commence immediately upon approval of this application.

9. Variances:

Please refer to the attached Drilling Program.
Onshore Order #2 – Air Drilling Variance

Kerr-McGee Oil & Gas Onshore LP (KMG) respectfully requests a variance to several requirements associated with air drilling outlined in Onshore Order 2

- *Blowout Prevention Equipment (BOPE) requirements;*
- *Mud program requirements; and*
- *Special drilling operation (surface equipment placement) requirements associated with air drilling.*

This Standard Operating Practices addendum provides supporting information as to why KMG current air drilling practices for constructing the surface casing hole should be granted a variance to Onshore Order 2 air drilling requirements.

The reader should note that the air rig is used only to construct a stable surface casing hole through a historically difficult lost circulation zone. A conventional rotary rig follows the air rig, and is used to drill and construct the majority of the wellbore.

More notable, KMG has used the air rig layout and procedures outlined below to drill the surface casing hole in approximately 675 wells without incident of blow out or loss of life.

Background
In a typical well, KMG utilizes an air rig for drilling the surface casing hole, an interval from the surface to surface casing depths, which varies in depth from 1,700 to 2,800 feet. The air rig drilling operation does not drill through productive or over pressured formations in KMG field, but does penetrate the Uinta and Green River Formations. The purpose of the air drilling operation is to overcome the severe loss circulation zone in the Green River known as the Bird's Nest while creating a stable hole for the surface casing. The surface casing hole is generally drilled to approximately 500 feet below the Bird's Nest.

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Before the surface air rig is mobilized, a rathole rig is utilized to set and cement conductor pipe through a competent surface formation. Generally, the conductor is set at 40 feet. In some cases, conductor may be set deeper in areas that the surface formation is not found competent. This rig also drills the rat and mouse holes in preparation for the surface casing and production string drilling operations.

The air rig is then mobilized to drill the surface casing hole by drilling a 12-1/4 inch hole to just above the Bird's Nest interval with an air hammer. The hammer is then tripped and replaced with a 12-1/4 inch tri-cone bit. The tri-cone bit is used to drill to the surface casing point, approximately 500 feet below the loss circulation zone (Bird's Nest). The 9-5/8 inch surface casing is then run and cemented in place, thereby isolating the lost circulation zone.

KMG fully appreciates Onshore Order 2 well control and safety requirements associated with a typical air drilling operations. However, the requirements of Onshore Order 2 are excessive with respect to the air rig layout and drilling operation procedures that are currently in practice to drill and control the surface casing hole in KMG Fields.

Variance for BOPE Requirements
The air rig operation utilizes a properly lubricated and maintained air bowl diverter system which diverts the drilling returns to a six-inch blooie line. The air bowl is the only piece of BOPE equipment which is installed during drilling operations and is sufficient to contain the air returns associated with this drilling operation. As was discussed earlier, the drilling of the surface hole does not encounter any over pressured or productive zones, and as a result standard BOPE equipment should not be required. In addition, standard drilling practices do not support the use of BOPE on 40 feet of conductor pipe.

Variance for Mud Material Requirements
Onshore Order 2 also states that sufficient quantities of mud materials shall be maintained or readily accessible for the purpose of assuring adequate well control. Once again, the surface hole drilling operations does not encounter over pressured or productive intervals, and as a result there is not a need to control pressure in the surface hole with a mud system. Instead of mud, the air rigs utilize water from the reserve pit for well control, if necessary. A skid pump which is located near the reserve pit (see attachment) will supply the water to the well bore.

Variance for Special Drilling Operation (surface equipment placement) Requirements
Onshore Order 2 requires specific safety distances or setbacks for the placement of associated standard air drilling equipment, wellbore, and reserve pits. The air rigs used to drill the surface holes are not typical of an air rig used to drill a producing hole in other parts of the US. These are smaller in nature and designed to fit a KMG location. The typical air rig layout for drilling surface hole in the field is attached.

Typically the blooie line discharge point is required to be 100 feet from the well bore. In the case of a KMG well, the reserve pit is only 45 feet from the rig and is used for the drill cuttings. The blooie line, which transports the drill cuttings from the well to the reserve pit, subsequently discharges only 45 feet from the well bore.

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Typically the air rig compressors are required to be located in the opposite direction from the blooie line and a minimum of 100 feet from the well bore. At the KMG locations, the air rig compressors are approximately 40 feet from the well bore and approximately 60 feet from the blooie line discharge due to the unique air rig design. The air compressors (see attachment) are located on the rig (1250 cfm) and on a standby trailer (1170 cfm). A booster sits between the two compressors and boosts the output from 350 psi to 2000 psi. The design does put the booster and standby compressor opposite from the blooie line.

Lastly, Onshore Order 2 addresses the need for an automatic igniter or continuous pilot light on the blooie line. The air rig does not utilize an igniter as the surface hole drilling operation does not encounter productive formations.

Conclusion
The air rig operating procedures and the attached air rig layout have effectively maintained well control while drilling the surface holes in KMG Fields. KMG respectfully requests a variance from Onshore Order 2 with respect to air drilling well control requirements as discussed above.

10. Other Information:

Please refer to the attached Drilling Program.

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KERR-McGEE OIL & GAS ONSHORE LP

DRILLING PROGRAM

COMPANY NAME	KERR-McGEE OIL & GAS ONSHORE LP	DATE	April 1, 2010
WELL NAME	**NBU 921-26J3AS**	TD	10,740' TVD 10,798' MD
FIELD	Natural Buttes	COUNTY Uintah	STATE Utah
		FINISHED ELEVATION	5,009'
SURFACE LOCATION	NW/4 SE/4 1,437' FSL 1,841' FEL Sec 26 T 9S R 21E		
	Latitude: 40.003738 Longitude: -109.515377 NAD 27		
BTM HOLE LOCATION	NW/4 SE/4 1,969' FSL 1,985' FWL Sec 27 T 9S R 21E		
	Latitude: 40.005165 Longitude: -109.516579 NAD 27		
OBJECTIVE ZONE(S)	Wasatch/Mesaverde/Lower Mesaverde		
ADDITIONAL INFO	Regulatory Agencies: UDOGM (Minerals), SITLA (Surface), UDOGM Tri-County Health Dept.		

GEOLOGICAL			MECHANICAL		
LOGS	FORMATION TOPS	DEPTH	HOLE SIZE	CASING SIZE	MUD WEIGHT
		40'	14"		
			11"	8-5/8", 32#, IJ-55, LTC	Air mist
All water flows encountered while drilling will be reported to the appropriate agencies.					
	Green River @	**1,513'**			
	Top of Birds Nest @	**1,813**			
	Mahogany @	**2,179**			
	Preset f/ GL @ 2,442' MD				
	Note: 11" surface hole will usually be drilled ±400' below the lost circulation zone (aka bird's nest). Drilled depth may be ±200' of the estimated set depth depending on the acutal depth of the loss zone.				
	Wasatch @	**4,782'**			
Mud logging program TBD Cased hole logging program from TD - surf csg			7-7/8"	4-1/2" 11.6# HCP-110 or equivalent BTC/LTC csg	Water / Fresh Water Mud 8.3-12.5 ppg
	Mverde @	**7,518' TVD**			
	MVU2 @	**8,408' TVD**			
	MVU1 @	**8,997' TVD**			
	Sego @	**9,779' TVD**			
	Castlegate @	**9,874' TVD**			
	MN5 @	**10,245' TVD**			
Max anticipated Mud required 12.5 ppg	**TD @**	**10,740' TVD** **10,798' MD**			

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KERR-McGEE OIL & GAS ONSHORE LP

DRILLING PROGRAM

CASING PROGRAM

	SIZE	INTERVAL			WT.	GR.	CPLG.	DESIGN FACTORS BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'								
								3,390	1,880	348,000
SURFACE	8-5/8"	0	to	2,442'	28.00	IJ-55	LTC	0.73	1.65	5.04
								10,690	8,650	279,000
PRODUCTION	4-1/2"	0	to	10,740'	11.60	HCP-110	LTC	4.52	1.24	2.77

*Burst on suface casing is controlled by fracture gradient as shoe with gas gradient above. D.F. = 2.20

1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point))

2) MASP (Prod Casing) = Pore Pressure at TD - (0.22 psi/ft-partial evac gradient x TD)
(Burst Assumptions: TD = 12.5 ppg) 0.22 psi/ft = gradient for partially evac wellbore
(Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)
MASP 4,496 psi

3) Maximum Anticipated Bottom Hole Pressure (MABHP) = Pore Pressure at TD
(Burst Assumptions: TD = 12.5 ppg) 0.64 psi/ft = bottomhole gradient
(Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)
MABHP 6,859 psi

CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE	LEAD	500'	Premium cmt + 2% CaCl	180	60%	15.80	1.15
Option 1			+ 0.25 pps flocele				
	TOP OUT CMT (6 jobs)	1,200'	20 gals sodium silicate + Premium cmt	270	0%	15.80	1.15
			+ 2% CaCl + 0.25 pps flocele				
SURFACE		**NOTE: If well will circulate water to surface, option 2 will be utilized**					
Option 2	LEAD	1,942'	65/35 Poz + 6% Gel + 10 pps gilsonite	180	35%	11.00	3.82
			+ 0.25 pps Flocele + 3% salt BWOW				
	TAIL	500'	Premium cmt + 2% CaCl	150	35%	15.80	1.15
			+ 0.25 pps flocele				
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.80	1.15
PRODUCTION	LEAD	4,278'	Premium Lite II + 3% KCl + 0.25 pps	350	40%	11.00	3.38
			celloflake + 5 pps gilsonite + 10% gel				
			+ 0.5% extender				
	TAIL	6,520'	50/50 Poz/G + 10% salt + 2% gel	1,600	40%	14.30	1.31
			+ 0.1% R-3				

*Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained
*Substitute caliper hole volume plus 10% excess for TAIL if accurate caliper is obtained

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe
PRODUCTION	Float shoe, 1 jt, float collar. No centralizers will be used.

ADDITIONAL INFORMATION

Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.

BOPE: 11" 5M with one annular and 2 rams. The BOPE will be installed before the production hole is drilled and tested to 5,000 psi (annular to 2,500 psi) prior to drilling out the surface casing shoe. Record on chart recorder and tour sheet. Function test rams on each trip. Maintain safety valve and inside BOP on rig floor at all times. Most rigs have top drives; however, if used, the Kelly is to be equipped with upper and lower kelly valves.

Surveys will be taken at 1,000' minimum intervals.

Most rigs have PVT System for mud monitoring. If no PVT is available, visual monitoring will be utilized.

DRILLING ENGINEER: John Huycke / Emile Goodwin
DRILLING SUPERINTENDENT: John Merkel / Lovel Young

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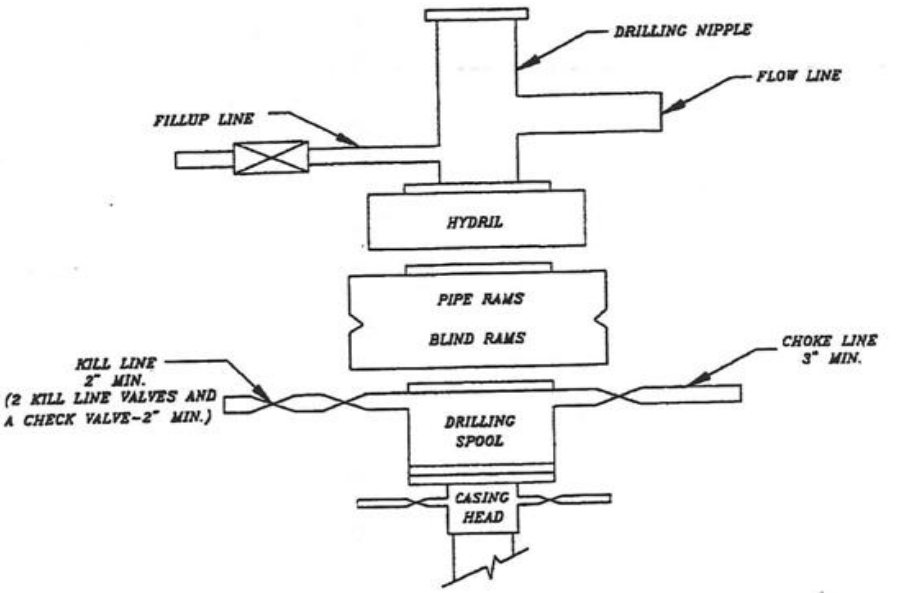
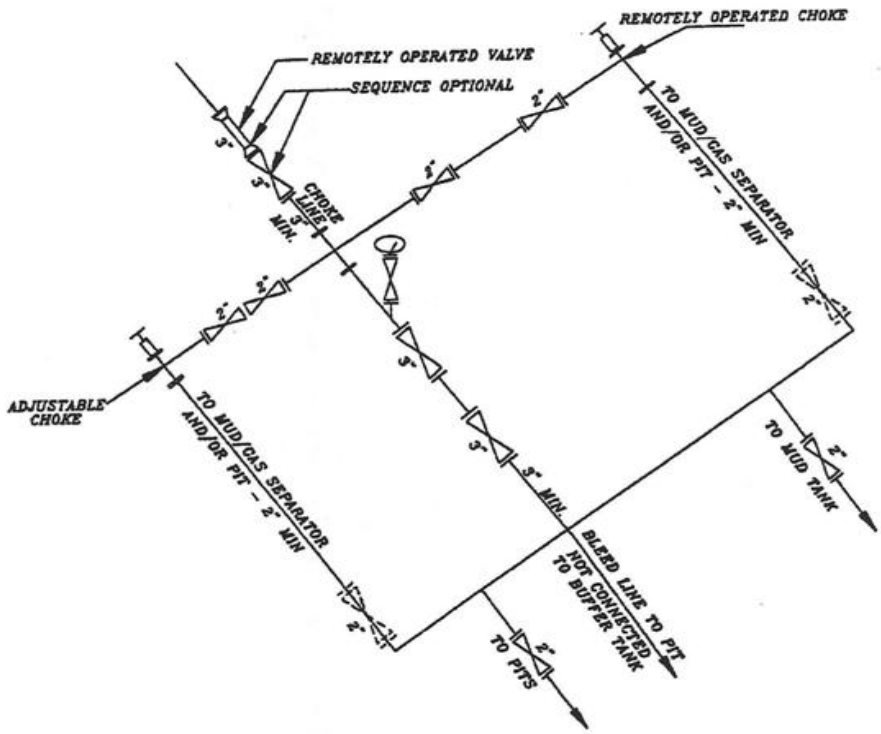
EXHIBIT A
NBU 921-26J3AS





SCHEMATIC DIAGRAM OF 5,000 PSI BOP STACK

RECEIVED April 01, 2010

ANADARKO PETROLEUM CORP.

UINTAH COUNTY, UTAH (nad 27)
NBU 921-26J Pad
NBU 921-26J3AS

NBU 921-26J3AS

Plan: PLAN #1 1-6-10 RHS

Standard Planning Report

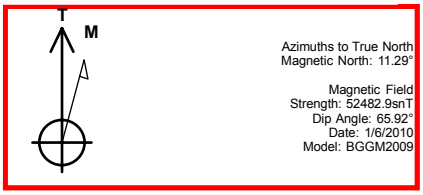
29 March, 2010

RECEIVED April 01, 2010

Anadarko E&P Company LP

NBU 921-26J3AS
UINTAH COUNTY, UTAH (nad 27)
SECTION 26 T9S R21 E
(1437 FSL 1841 FEL)
LAT: 40° 0' 13.457 N
LONG: 109° 30' 55.357 W
RIG: H&P 298

Weatherford®



WELL DETAILS: NBU 921-26J3AS

Ground Level: 5009.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	14530868.63	2056183.17	40° 0' 13.457 N	109° 30' 55.357 W	

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
4782.00	4839.51	WASATCH
8997.00	9054.51	MESAVERDE

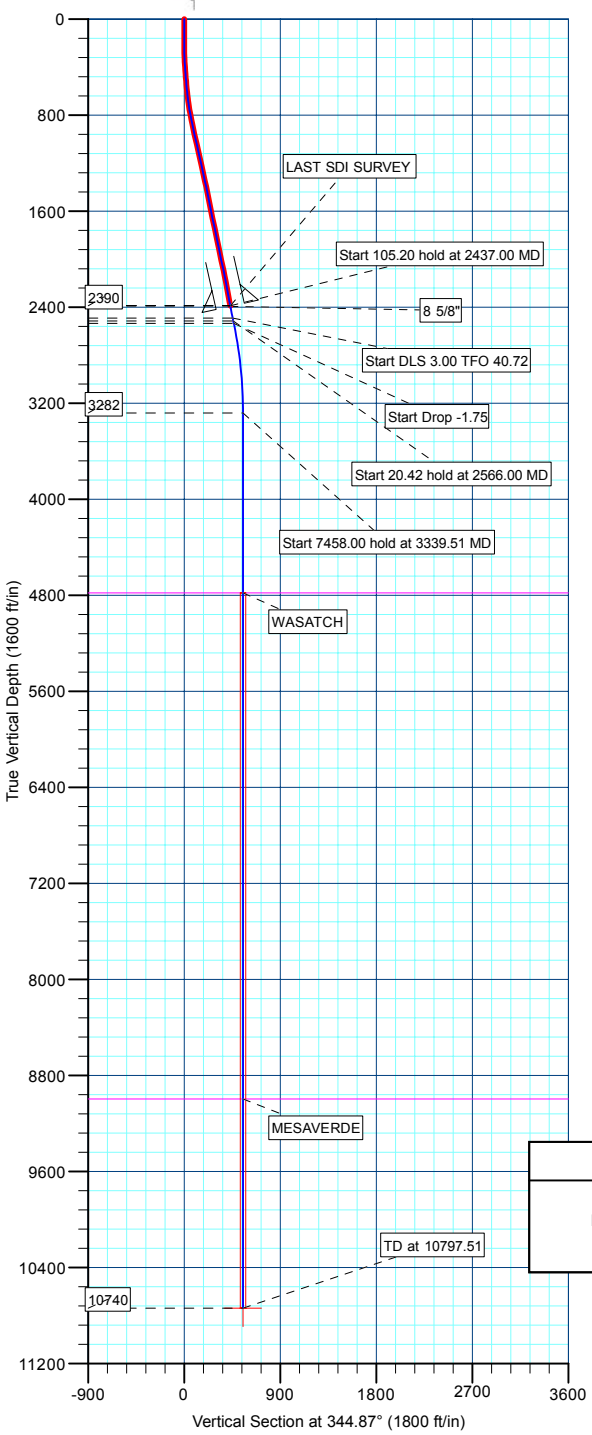
SECTION DETAILS

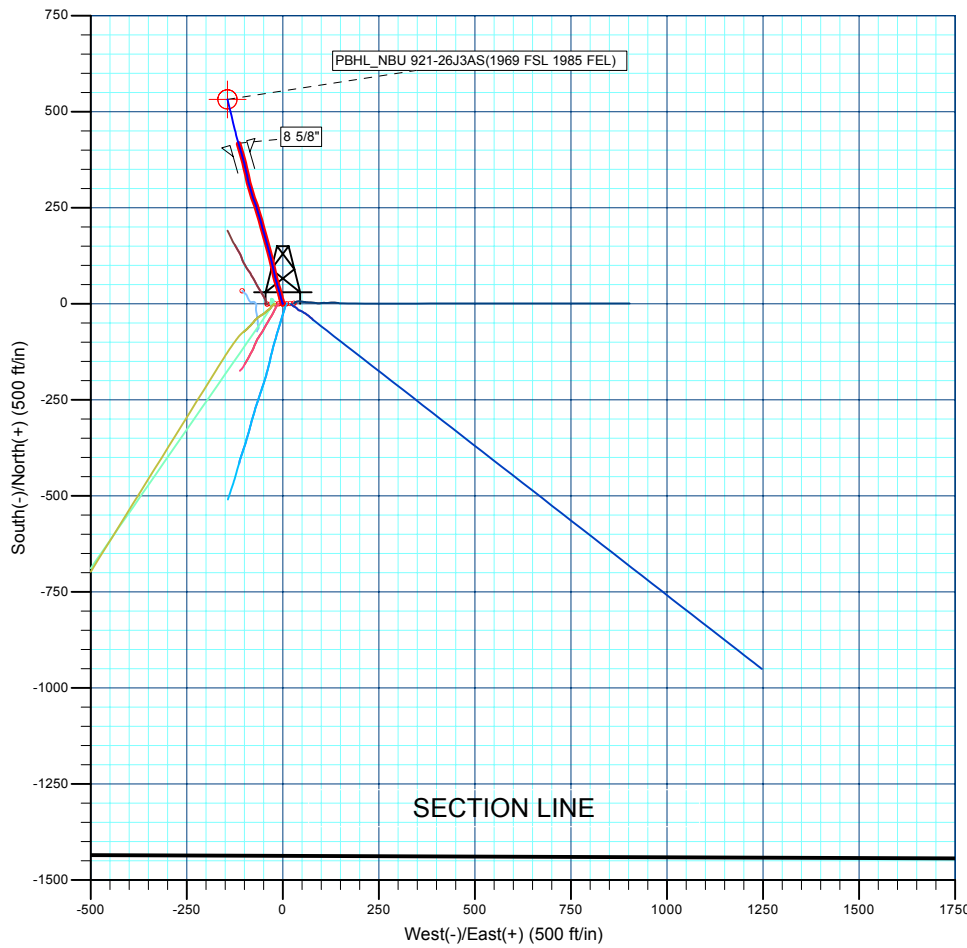
MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
2437.00	12.63	344.21	2389.80	416.91	-114.76	0.00	0.00	432.42	
2542.20	12.63	344.21	2492.45	439.05	-121.02	0.00	0.00	455.42	
2566.00	13.18	346.25	2515.65	444.19	-122.37	3.00	40.72	460.73	
2586.42	13.18	346.25	2535.53	448.71	-123.48	0.00	0.00	465.38	
3339.51	0.00	0.00	3282.00	532.47	-143.97	1.75	180.00	551.59	
10797.51	0.00	0.00	10740.00	532.47	-143.97	0.00	0.00	551.59	PBHL_NBU 921-26J3AS(1969 FSL 1985 FEL)

KB ELEV: WELL @ 5035.00ft (Original Well Elev)
GRD ELEV: 5009.00

CASING DETAILS

TVD	MD	Name	Size
2394.87	2442.20	8 5/8"	8.62





WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG)

	Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
	PBHL	10740.00	532.47	-143.97	14531398.63	2056030.35	40° 0' 18.720 N	109° 30' 57.208 W	Circle (Radius: 25.00)

Plan: PLAN #1 1-6-10 RHS (NBU 921-26J3AS/NBU 921-26J3AS)

Created By: Robert H. Scott

RECEIVED April 01, 2010

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Company:	ANADARKO PETROLEUM CORP.	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Project:	UINTAH COUNTY, UTAH (nad 27)	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site:	NBU 921-26J Pad	**North Reference:**	True
Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	NBU 921-26J3AS		
Design:	PLAN #1 1-6-10 RHS		

Project UINTAH COUNTY, UTAH (nad 27),

Map System:	Universal Transverse Mercator (US Survey Fee	**System Datum:**	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Zone 12N (114 W to 108 W)		

Site NBU 921-26J Pad, SECTION 26 T9S R21 E

Site Position:		**Northing:**	14,530,870.22 ft	**Latitude:**	40° 0' 13.468 N
From:	Lat/Long	**Easting:**	2,056,213.12 ft	**Longitude:**	109° 30' 54.972 W
Position Uncertainty:	0.00 ft	**Slot Radius:**	in	**Grid Convergence:**	0.95 °

Well NBU 921-26J3AS

Well Position	**+N/-S**	-1.09 ft	**Northing:**	14,530,868.63 ft	**Latitude:**	40° 0' 13.457 N
	+E/-W	-29.97 ft	**Easting:**	2,056,183.17 ft	**Longitude:**	109° 30' 55.357 W
Position Uncertainty		0.00 ft	**Wellhead Elevation:**	ft	**Ground Level:**	5,009.00 ft

Wellbore NBU 921-26J3AS

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2009	1/6/2010	11.29	65.92	52,483

Design PLAN #1 1-6-10 RHS

Audit Notes:

Version:		**Phase:**	PLAN	**Tie On Depth:**	2,437.00

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	344.87

Plan Sections

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
2,437.00	12.63	344.21	2,389.80	416.91	-114.76	0.00	0.00	0.00	0.00	
2,542.20	12.63	344.21	2,492.45	439.05	-121.02	0.00	0.00	0.00	0.00	
2,566.00	13.18	346.25	2,515.65	444.19	-122.37	3.00	2.31	8.59	40.72	
2,586.42	13.18	346.25	2,535.53	448.71	-123.48	0.00	0.00	0.00	0.00	
3,339.51	0.00	0.00	3,282.00	532.47	-143.97	1.75	-1.75	0.00	180.00	
10,797.51	0.00	0.00	10,740.00	532.47	-143.97	0.00	0.00	0.00	0.00	PBHL_NBU 921-26

RECEIVED April 01, 2010

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Company:	ANADARKO PETROLEUM CORP.	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Project:	UINTAH COUNTY, UTAH (nad 27)	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site:	NBU 921-26J Pad	**North Reference:**	True
Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	NBU 921-26J3AS		
Design:	PLAN #1 1-6-10 RHS		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
Start 105.20 hold at 2437.00 MD									
2,437.00	12.63	344.21	2,389.80	416.91	-114.76	432.42	0.00	0.00	0.00
8 5/8"									
2,442.20	12.63	344.21	2,394.87	418.01	-115.07	433.55	0.00	0.00	0.00
2,500.00	12.63	344.21	2,451.28	430.17	-118.51	446.19	0.00	0.00	0.00
Start DLS 3.00 TFO 40.72									
2,542.20	12.63	344.21	2,492.45	439.05	-121.02	455.42	0.00	0.00	0.00
Start 20.42 hold at 2566.00 MD									
2,566.00	13.18	346.25	2,515.65	444.19	-122.37	460.73	3.00	2.31	8.59
Start Drop -1.75									
2,586.42	13.18	346.25	2,535.53	448.71	-123.48	465.38	0.00	0.00	0.00
2,600.00	12.94	346.25	2,548.76	451.69	-124.21	468.45	1.75	-1.75	0.00
2,700.00	11.19	346.25	2,646.55	472.00	-129.17	489.35	1.75	-1.75	0.00
2,800.00	9.44	346.25	2,744.93	489.39	-133.43	507.25	1.75	-1.75	0.00
2,900.00	7.69	346.25	2,843.81	503.86	-136.97	522.14	1.75	-1.75	0.00
3,000.00	5.94	346.25	2,943.10	515.39	-139.79	534.01	1.75	-1.75	0.00
3,100.00	4.19	346.25	3,042.71	523.97	-141.89	542.84	1.75	-1.75	0.00
3,200.00	2.44	346.25	3,142.53	529.58	-143.26	548.62	1.75	-1.75	0.00
3,300.00	0.69	346.25	3,242.49	532.24	-143.91	551.35	1.75	-1.75	0.00
Start 7458.00 hold at 3339.51 MD									
3,339.51	0.00	0.00	3,282.00	532.47	-143.97	551.59	1.75	-1.75	0.00
3,400.00	0.00	0.00	3,342.49	532.47	-143.97	551.59	0.00	0.00	0.00
3,500.00	0.00	0.00	3,442.49	532.47	-143.97	551.59	0.00	0.00	0.00
3,600.00	0.00	0.00	3,542.49	532.47	-143.97	551.59	0.00	0.00	0.00
3,700.00	0.00	0.00	3,642.49	532.47	-143.97	551.59	0.00	0.00	0.00
3,800.00	0.00	0.00	3,742.49	532.47	-143.97	551.59	0.00	0.00	0.00
3,900.00	0.00	0.00	3,842.49	532.47	-143.97	551.59	0.00	0.00	0.00
4,000.00	0.00	0.00	3,942.49	532.47	-143.97	551.59	0.00	0.00	0.00
4,100.00	0.00	0.00	4,042.49	532.47	-143.97	551.59	0.00	0.00	0.00
4,200.00	0.00	0.00	4,142.49	532.47	-143.97	551.59	0.00	0.00	0.00
4,300.00	0.00	0.00	4,242.49	532.47	-143.97	551.59	0.00	0.00	0.00
4,400.00	0.00	0.00	4,342.49	532.47	-143.97	551.59	0.00	0.00	0.00
4,500.00	0.00	0.00	4,442.49	532.47	-143.97	551.59	0.00	0.00	0.00
4,600.00	0.00	0.00	4,542.49	532.47	-143.97	551.59	0.00	0.00	0.00
4,700.00	0.00	0.00	4,642.49	532.47	-143.97	551.59	0.00	0.00	0.00
4,800.00	0.00	0.00	4,742.49	532.47	-143.97	551.59	0.00	0.00	0.00
WASATCH									
4,839.51	0.00	0.00	4,782.00	532.47	-143.97	551.59	0.00	0.00	0.00
4,900.00	0.00	0.00	4,842.49	532.47	-143.97	551.59	0.00	0.00	0.00
5,000.00	0.00	0.00	4,942.49	532.47	-143.97	551.59	0.00	0.00	0.00
5,100.00	0.00	0.00	5,042.49	532.47	-143.97	551.59	0.00	0.00	0.00
5,200.00	0.00	0.00	5,142.49	532.47	-143.97	551.59	0.00	0.00	0.00
5,300.00	0.00	0.00	5,242.49	532.47	-143.97	551.59	0.00	0.00	0.00
5,400.00	0.00	0.00	5,342.49	532.47	-143.97	551.59	0.00	0.00	0.00
5,500.00	0.00	0.00	5,442.49	532.47	-143.97	551.59	0.00	0.00	0.00
5,600.00	0.00	0.00	5,542.49	532.47	-143.97	551.59	0.00	0.00	0.00
5,700.00	0.00	0.00	5,642.49	532.47	-143.97	551.59	0.00	0.00	0.00
5,800.00	0.00	0.00	5,742.49	532.47	-143.97	551.59	0.00	0.00	0.00
5,900.00	0.00	0.00	5,842.49	532.47	-143.97	551.59	0.00	0.00	0.00
6,000.00	0.00	0.00	5,942.49	532.47	-143.97	551.59	0.00	0.00	0.00
6,100.00	0.00	0.00	6,042.49	532.47	-143.97	551.59	0.00	0.00	0.00
6,200.00	0.00	0.00	6,142.49	532.47	-143.97	551.59	0.00	0.00	0.00
6,300.00	0.00	0.00	6,242.49	532.47	-143.97	551.59	0.00	0.00	0.00

RECEIVED April 01, 2010

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Company:	ANADARKO PETROLEUM CORP.	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Project:	UINTAH COUNTY, UTAH (nad 27)	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site:	NBU 921-26J Pad	**North Reference:**	True
Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	NBU 921-26J3AS		
Design:	PLAN #1 1-6-10 RHS		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
6,400.00	0.00	0.00	6,342.49	532.47	-143.97	551.59	0.00	0.00	0.00
6,500.00	0.00	0.00	6,442.49	532.47	-143.97	551.59	0.00	0.00	0.00
6,600.00	0.00	0.00	6,542.49	532.47	-143.97	551.59	0.00	0.00	0.00
6,700.00	0.00	0.00	6,642.49	532.47	-143.97	551.59	0.00	0.00	0.00
6,800.00	0.00	0.00	6,742.49	532.47	-143.97	551.59	0.00	0.00	0.00
6,900.00	0.00	0.00	6,842.49	532.47	-143.97	551.59	0.00	0.00	0.00
7,000.00	0.00	0.00	6,942.49	532.47	-143.97	551.59	0.00	0.00	0.00
7,100.00	0.00	0.00	7,042.49	532.47	-143.97	551.59	0.00	0.00	0.00
7,200.00	0.00	0.00	7,142.49	532.47	-143.97	551.59	0.00	0.00	0.00
7,300.00	0.00	0.00	7,242.49	532.47	-143.97	551.59	0.00	0.00	0.00
7,400.00	0.00	0.00	7,342.49	532.47	-143.97	551.59	0.00	0.00	0.00
7,500.00	0.00	0.00	7,442.49	532.47	-143.97	551.59	0.00	0.00	0.00
7,600.00	0.00	0.00	7,542.49	532.47	-143.97	551.59	0.00	0.00	0.00
7,700.00	0.00	0.00	7,642.49	532.47	-143.97	551.59	0.00	0.00	0.00
7,800.00	0.00	0.00	7,742.49	532.47	-143.97	551.59	0.00	0.00	0.00
7,900.00	0.00	0.00	7,842.49	532.47	-143.97	551.59	0.00	0.00	0.00
8,000.00	0.00	0.00	7,942.49	532.47	-143.97	551.59	0.00	0.00	0.00
8,100.00	0.00	0.00	8,042.49	532.47	-143.97	551.59	0.00	0.00	0.00
8,200.00	0.00	0.00	8,142.49	532.47	-143.97	551.59	0.00	0.00	0.00
8,300.00	0.00	0.00	8,242.49	532.47	-143.97	551.59	0.00	0.00	0.00
8,400.00	0.00	0.00	8,342.49	532.47	-143.97	551.59	0.00	0.00	0.00
8,500.00	0.00	0.00	8,442.49	532.47	-143.97	551.59	0.00	0.00	0.00
8,600.00	0.00	0.00	8,542.49	532.47	-143.97	551.59	0.00	0.00	0.00
8,700.00	0.00	0.00	8,642.49	532.47	-143.97	551.59	0.00	0.00	0.00
8,800.00	0.00	0.00	8,742.49	532.47	-143.97	551.59	0.00	0.00	0.00
8,900.00	0.00	0.00	8,842.49	532.47	-143.97	551.59	0.00	0.00	0.00
9,000.00	0.00	0.00	8,942.49	532.47	-143.97	551.59	0.00	0.00	0.00
MESAVERDE									
9,054.51	0.00	0.00	8,997.00	532.47	-143.97	551.59	0.00	0.00	0.00
9,100.00	0.00	0.00	9,042.49	532.47	-143.97	551.59	0.00	0.00	0.00
9,200.00	0.00	0.00	9,142.49	532.47	-143.97	551.59	0.00	0.00	0.00
9,300.00	0.00	0.00	9,242.49	532.47	-143.97	551.59	0.00	0.00	0.00
9,400.00	0.00	0.00	9,342.49	532.47	-143.97	551.59	0.00	0.00	0.00
9,500.00	0.00	0.00	9,442.49	532.47	-143.97	551.59	0.00	0.00	0.00
9,600.00	0.00	0.00	9,542.49	532.47	-143.97	551.59	0.00	0.00	0.00
9,700.00	0.00	0.00	9,642.49	532.47	-143.97	551.59	0.00	0.00	0.00
9,800.00	0.00	0.00	9,742.49	532.47	-143.97	551.59	0.00	0.00	0.00
9,900.00	0.00	0.00	9,842.49	532.47	-143.97	551.59	0.00	0.00	0.00
10,000.00	0.00	0.00	9,942.49	532.47	-143.97	551.59	0.00	0.00	0.00
10,100.00	0.00	0.00	10,042.49	532.47	-143.97	551.59	0.00	0.00	0.00
10,200.00	0.00	0.00	10,142.49	532.47	-143.97	551.59	0.00	0.00	0.00
10,300.00	0.00	0.00	10,242.49	532.47	-143.97	551.59	0.00	0.00	0.00
10,400.00	0.00	0.00	10,342.49	532.47	-143.97	551.59	0.00	0.00	0.00
10,500.00	0.00	0.00	10,442.49	532.47	-143.97	551.59	0.00	0.00	0.00
10,600.00	0.00	0.00	10,542.49	532.47	-143.97	551.59	0.00	0.00	0.00
10,700.00	0.00	0.00	10,642.49	532.47	-143.97	551.59	0.00	0.00	0.00
TD at 10797.51 - PBHL_NBU 921-26J3AS(1969 FSL 1985 FEL)									
10,797.51	0.00	0.00	10,740.00	532.47	-143.97	551.59	0.00	0.00	0.00

RECEIVED April 01, 2010

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Company:	ANADARKO PETROLEUM CORP.	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Project:	UINTAH COUNTY, UTAH (nad 27)	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site:	NBU 921-26J Pad	**North Reference:**	True
Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	NBU 921-26J3AS		
Design:	PLAN #1 1-6-10 RHS		

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
PBHL_NBU 921-26J3 - plan hits target center - Circle (radius 25.00)	0.00	0.00	10,740.00	532.47	-143.97	14,531,398.63	2,056,030.35	40° 0' 18.720 N	109° 30' 57.208 W

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (in)	Hole Diameter (in)
2,442.20	2,394.87	8 5/8"	8.62	11.00

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
4,839.51	4,782.00	WASATCH			
9,054.51	8,997.00	MESAVERDE			

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
2,437.00	2,389.80	416.91	-114.76	Start 105.20 hold at 2437.00 MD
2,542.20	2,492.45	439.05	-121.02	Start DLS 3.00 TFO 40.72
2,566.00	2,515.65	444.19	-122.37	Start 20.42 hold at 2566.00 MD
2,586.42	2,535.53	448.71	-123.48	Start Drop -1.75
3,339.51	3,282.00	532.47	-143.97	Start 7458.00 hold at 3339.51 MD
10,797.51	10,740.00	532.47	-143.97	TD at 10797.51

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ANADARKO PETROLEUM CORP.

UINTAH COUNTY, UTAH (nad 27)
NBU 921-26J Pad
NBU 921-26J3AS

NBU 921-26J3AS
PLAN #1 1-6-10 RHS

Anticollision Report

29 March, 2010

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Reference PLAN #1 1-6-10 RHS

Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	Stations	**Error Model:**	ISCWSA
Depth Range:	0.00 to 20,000.00ft	**Scan Method:**	Closest Approach 3D
Results Limited by:	Maximum center-center distance of 10,000.00ft	**Error Surface:**	Elliptical Conic
Warning Levels Evaluated at:	2.00 **Sigma**		

Survey Tool Program **Date** 3/26/2010

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
169.00	2,437.00	SDI MWD SURVEY (NBU 921-26J3AS)	MWD	MWD - Standard
2,437.00	10,797.51	PLAN #1 1-6-10 RHS (NBU 921-26J3AS)	MWD	MWD - Standard

Summary

Site Name Offset Well - Wellbore - Design	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
NBU 921-26J Pad						
NBU 154 EXISTING - NBU 154 EXISTING - NBU 154 E>	804.60	775.56	88.36	84.92	25.712	CC
NBU 154 EXISTING - NBU 154 EXISTING - NBU 154 E>	818.00	788.64	88.41	84.89	25.098	ES
NBU 154 EXISTING - NBU 154 EXISTING - NBU 154 E>	6,300.00	6,150.00	613.00	582.45	20.065	SF
NBU 921-26I3DS - NBU 921-26I3DS - NBU 921-26I3DS	0.00	0.00	29.99			
NBU 921-26I3DS - NBU 921-26I3DS - NBU 921-26I3DS	228.00	227.96	30.48	29.87	50.498	ES
NBU 921-26I3DS - NBU 921-26I3DS - NBU 921-26I3DS	517.00	513.75	46.78	44.84	24.083	SF
NBU 921-26I3DS - NBU 921-26I3DS - PLAN #1 1-6-10 F	0.00	0.00	29.99			
NBU 921-26I3DS - NBU 921-26I3DS - PLAN #1 1-6-10 F	228.00	227.96	30.48	29.87	50.498	ES
NBU 921-26I3DS - NBU 921-26I3DS - PLAN #1 1-6-10 F	9,900.00	9,858.66	1,178.78	1,123.00	21.132	SF
NBU 921-26J3DS - NBU 921-26J3DS - NBU 921-26J3DS	451.31	450.67	40.06	38.46	24.965	CC
NBU 921-26J3DS - NBU 921-26J3DS - NBU 921-26J3DS	490.00	489.26	40.13	38.34	22.338	ES
NBU 921-26J3DS - NBU 921-26J3DS - NBU 921-26J3DS	848.00	845.02	50.76	46.98	13.409	SF
NBU 921-26J3DS - NBU 921-26J3DS - PLAN #1 1-6-10	451.31	450.67	40.06	38.46	24.965	CC
NBU 921-26J3DS - NBU 921-26J3DS - PLAN #1 1-6-10	490.00	489.26	40.13	38.34	22.338	ES
NBU 921-26J3DS - NBU 921-26J3DS - PLAN #1 1-6-10	9,800.00	9,751.75	341.63	288.34	6.411	SF
NBU 921-26O1BS - NBU 921-26O1BS - NBU 921-26O1E	0.00	0.00	10.08			
NBU 921-26O1BS - NBU 921-26O1BS - NBU 921-26O1E	371.00	370.56	12.74	11.50	10.260	SF
NBU 921-26O1BS - NBU 921-26O1BS - PLAN #1 1-6-10	0.00	0.00	10.08			
NBU 921-26O1BS - NBU 921-26O1BS - PLAN #1 1-6-10	371.00	370.56	12.74	11.50	10.260	SF
NBU 921-26O2CS - NBU 921-26O2CS - NBU 921-26O2	506.68	506.55	29.09	27.21	15.451	CC
NBU 921-26O2CS - NBU 921-26O2CS - NBU 921-26O2	517.00	516.85	29.10	27.17	15.057	ES
NBU 921-26O2CS - NBU 921-26O2CS - NBU 921-26O2	668.00	667.05	33.38	30.75	12.692	SF
NBU 921-26O2CS - NBU 921-26O2CS - PLAN #1 1-6-1	506.68	506.55	29.09	27.21	15.451	CC
NBU 921-26O2CS - NBU 921-26O2CS - PLAN #1 1-6-1	517.00	516.85	29.10	27.17	15.057	ES
NBU 921-26O2CS - NBU 921-26O2CS - PLAN #1 1-6-1	668.00	667.05	33.38	30.75	12.692	SF
NBU 921-26O2DS - NBU 921-26O2DS - NBU 921-26O2	281.87	281.92	9.75	8.89	11.321	CC
NBU 921-26O2DS - NBU 921-26O2DS - NBU 921-26O2	285.00	285.05	9.75	8.88	11.146	ES
NBU 921-26O2DS - NBU 921-26O2DS - NBU 921-26O2	371.00	370.88	11.68	10.41	9.188	SF
NBU 921-26O2DS - NBU 921-26O2DS - PLAN #1 1-6-1	281.87	281.92	9.75	8.89	11.321	CC
NBU 921-26O2DS - NBU 921-26O2DS - PLAN #1 1-6-1	285.00	285.05	9.75	8.88	11.146	ES
NBU 921-26O2DS - NBU 921-26O2DS - PLAN #1 1-6-1	371.00	370.88	11.68	10.41	9.188	SF
NBU 921-26O3BS - NBU 921-26O3BS - NBU 921-26O3E	0.00	0.00	19.89			
NBU 921-26O3BS - NBU 921-26O3BS - NBU 921-26O3E	517.00	515.57	27.60	25.68	14.383	SF
NBU 921-26O3BS - NBU 921-26O3BS - PLAN #1 1-6-10	0.00	0.00	19.89			
NBU 921-26O3BS - NBU 921-26O3BS - PLAN #1 1-6-10	517.00	515.57	27.60	25.68	14.383	SF
NBU 921-26P4BS - NBU 921-26P4BS - NBU 921-26P4B	0.00	0.00	19.90			

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

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Weatherford International Ltd.

Anticollision Report

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Summary

Site Name Offset Well - Wellbore - Design	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
NBU 921-26J Pad						
NBU 921-26P4BS - NBU 921-26P4BS - NBU 921-26P4B	285.00	285.02	20.17	19.33	23.985	ES
NBU 921-26P4BS - NBU 921-26P4BS - NBU 921-26P4B	430.00	429.28	24.49	23.00	16.408	SF
NBU 921-26P4BS - NBU 921-26P4BS - PLAN #1 1-6-10	0.00	0.00	19.90			
NBU 921-26P4BS - NBU 921-26P4BS - PLAN #1 1-6-10	285.00	285.02	20.17	19.33	23.985	ES
NBU 921-26P4BS - NBU 921-26P4BS - PLAN #1 1-6-10	430.00	429.28	24.49	23.00	16.408	SF

Offset Design

NBU 921-26J Pad - NBU 154 EXISTING - NBU 154 EXISTING - NBU 154 EXISTING

Survey Program: 100-NS-GYRO-MS

Offset Site Error: 0.00 ft

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	-72.31	33.51	-105.04	113.28				
169.00	169.00	143.01	143.01	0.16	0.20	-33.67	33.16	-105.14	109.97	109.61	0.36	307.141	
199.00	199.00	173.00	173.00	0.23	0.24	-44.30	33.10	-105.15	109.84	109.37	0.47	233.548	
228.00	228.00	202.01	202.01	0.29	0.29	-43.40	33.09	-105.16	109.66	109.08	0.58	189.354	
256.00	256.00	230.24	230.24	0.36	0.33	-60.15	33.10	-105.12	109.40	108.71	0.69	159.655	
285.00	284.99	259.47	259.46	0.42	0.38	-66.78	33.13	-105.01	109.02	108.23	0.80	137.108	
313.00	312.97	287.68	287.68	0.49	0.42	-58.73	33.18	-104.83	108.45	107.55	0.90	120.129	
342.00	341.95	316.85	316.85	0.56	0.48	-58.02	33.24	-104.59	107.60	106.58	1.02	105.007	
371.00	370.90	345.97	345.97	0.63	0.54	-55.80	33.24	-104.31	106.43	105.27	1.16	92.091	
401.00	400.82	376.05	376.05	0.70	0.60	-59.86	33.18	-103.99	104.94	103.65	1.29	81.290	
430.00	429.72	405.05	405.04	0.77	0.66	-60.63	33.06	-103.65	103.37	101.94	1.42	72.593	
461.00	460.59	435.78	435.77	0.85	0.73	-62.95	32.88	-103.30	101.64	100.07	1.57	64.749	
490.00	489.45	464.51	464.49	0.92	0.80	-64.36	32.65	-103.02	100.08	98.37	1.71	58.598	
517.00	516.33	491.24	491.23	0.99	0.86	-65.84	32.40	-102.80	98.71	96.88	1.84	53.706	
547.00	546.19	521.03	521.01	1.06	0.93	-69.90	32.07	-102.59	97.37	95.39	1.98	49.216	
578.00	577.04	551.82	551.80	1.14	1.00	-72.16	31.73	-102.37	96.10	93.98	2.13	45.181	
608.00	606.85	581.58	581.55	1.22	1.07	-73.17	31.40	-102.16	94.87	92.59	2.28	41.600	
638.00	636.63	611.35	611.33	1.31	1.14	-73.46	31.07	-101.95	93.59	91.15	2.44	38.376	
668.00	666.35	641.16	641.13	1.40	1.21	-74.78	30.72	-101.71	92.24	89.63	2.60	35.418	
698.00	696.01	670.88	670.85	1.50	1.28	-79.12	30.36	-101.43	90.95	88.17	2.78	32.768	
728.00	725.60	700.51	700.47	1.60	1.36	-81.26	29.99	-101.10	89.80	86.84	2.95	30.411	
758.00	755.10	729.97	729.93	1.71	1.43	-86.30	29.61	-100.75	88.91	85.77	3.14	28.330	
788.00	784.51	759.34	759.30	1.82	1.51	-90.01	29.26	-100.38	88.43	85.11	3.33	26.566	
804.60	800.75	775.56	775.51	1.89	1.55	-92.36	29.06	-100.18	88.36	84.92	3.44	25.712	CC
818.00	813.85	788.64	788.59	1.94	1.58	-94.29	28.91	-100.00	88.41	84.89	3.52	25.098	ES
848.00	843.14	817.77	817.71	2.07	1.66	-100.16	28.59	-99.63	89.02	85.30	3.71	23.964	
878.00	872.36	846.76	846.71	2.19	1.73	-106.58	28.27	-99.29	90.47	86.57	3.90	23.186	
968.00	959.83	933.91	933.85	2.59	1.95	-119.35	27.35	-98.54	98.89	94.45	4.44	22.277	
1,058.00	1,047.08	1,021.32	1,021.24	3.01	2.18	-127.68	26.64	-97.63	111.30	106.37	4.93	22.559	
1,148.00	1,134.31	1,108.21	1,108.12	3.40	2.41	-135.51	25.81	-96.24	126.23	120.87	5.36	23.546	
1,238.00	1,221.68	1,193.93	1,193.82	3.79	2.63	-141.03	24.51	-94.98	143.26	137.50	5.76	24.876	
1,328.00	1,308.97	1,280.17	1,280.04	4.21	2.85	-146.53	22.74	-94.00	162.55	156.38	6.17	26.338	
1,418.00	1,396.43	1,366.45	1,366.28	4.62	3.07	-150.12	20.65	-92.94	182.56	175.98	6.58	27.728	
1,508.00	1,484.27	1,452.99	1,452.79	4.98	3.29	-155.66	18.23	-91.79	202.27	195.30	6.97	29.009	
1,598.00	1,572.12	1,539.05	1,538.79	5.36	3.51	-156.00	15.48	-90.54	222.80	215.42	7.38	30.191	
1,688.00	1,659.75	1,624.55	1,624.22	5.77	3.73	-154.90	12.20	-89.11	244.75	236.94	7.81	31.342	
1,778.00	1,747.24	1,711.17	1,710.75	6.20	3.96	-157.28	8.63	-87.26	267.66	259.42	8.24	32.493	
1,868.00	1,834.80	1,802.07	1,801.57	6.60	4.19	-163.23	5.66	-85.12	290.14	281.47	8.67	33.468	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

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Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 154 EXISTING - NBU 154 EXISTING - NBU 154 EXISTING

Offset Site Error: 0.00 ft

Survey Program: 100-NS-GYRO-MS

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
1,958.00	1,922.45	1,896.37	1,895.83	6.99	4.42	-167.63	4.41	-82.77	311.14	302.05	9.08	34.263	
2,048.00	2,009.98	1,986.63	1,986.05	7.41	4.62	-168.66	4.71	-80.12	331.42	321.95	9.47	34.981	
2,138.00	2,097.47	2,073.57	2,072.94	7.81	4.80	-170.70	5.35	-77.41	351.67	341.80	9.87	35.638	
2,228.00	2,185.32	2,158.34	2,157.69	8.19	4.99	-168.71	5.55	-75.29	370.89	360.59	10.30	36.012	
2,318.00	2,273.45	2,243.25	2,242.58	8.55	5.20	-167.64	4.91	-73.64	389.55	378.83	10.72	36.348	
2,408.00	2,361.49	2,329.61	2,328.92	8.93	5.42	-169.95	3.71	-72.70	409.22	398.08	11.14	36.730	
2,437.00	2,389.80	2,357.83	2,357.14	9.06	5.49	-169.78	3.29	-72.36	415.85	404.57	11.28	36.861	
2,500.00	2,451.28	2,418.98	2,418.28	9.34	5.65	-170.22	2.40	-71.43	430.41	418.81	11.60	37.105	
2,542.20	2,492.45	2,459.76	2,459.04	9.53	5.76	-170.50	1.79	-70.78	440.19	428.38	11.82	37.253	
2,565.99	2,515.65	2,482.72	2,482.00	9.64	5.82	-172.73	1.44	-70.43	445.85	433.93	11.92	37.398	
2,586.42	2,535.53	2,502.32	2,501.60	9.74	5.87	-172.83	1.14	-70.13	450.81	438.78	12.03	37.481	
2,600.00	2,548.76	2,515.02	2,514.30	9.80	5.90	-172.91	0.93	-69.94	454.10	442.00	12.10	37.525	
2,700.00	2,646.55	2,609.26	2,608.50	10.22	6.14	-173.35	-1.08	-68.91	477.05	464.43	12.63	37.779	
2,800.00	2,744.93	2,708.94	2,708.16	10.60	6.37	-173.63	-3.38	-68.66	497.12	483.99	13.14	37.842	
2,900.00	2,843.81	2,805.96	2,805.15	10.94	6.57	-173.77	-5.71	-69.00	514.24	500.62	13.61	37.778	
3,000.00	2,943.10	2,906.88	2,906.04	11.25	6.78	-173.86	-8.06	-69.46	528.26	514.19	14.08	37.520	
3,100.00	3,042.71	3,003.65	3,002.78	11.52	6.99	-173.92	-10.38	-69.72	539.38	524.85	14.53	37.117	
3,200.00	3,142.53	3,102.05	3,101.15	11.74	7.22	-173.95	-13.07	-69.80	547.82	532.83	14.98	36.560	
3,300.00	3,242.49	3,200.66	3,199.71	11.93	7.45	-173.95	-15.97	-69.79	553.46	538.04	15.42	35.897	
3,339.51	3,282.00	3,240.67	3,239.70	11.99	7.55	172.31	-17.17	-69.73	554.87	539.28	15.59	35.585	
3,400.00	3,342.49	3,301.95	3,300.96	12.08	7.70	172.31	-18.91	-69.51	556.60	540.73	15.88	35.058	
3,500.00	3,442.49	3,403.16	3,402.14	12.23	7.95	172.27	-21.55	-68.81	559.28	542.93	16.35	34.212	
3,600.00	3,542.49	3,501.76	3,500.70	12.39	8.20	172.24	-24.12	-68.08	561.96	545.14	16.82	33.406	
3,700.00	3,642.49	3,600.36	3,599.25	12.56	8.45	172.23	-26.98	-67.63	564.90	547.59	17.30	32.647	
3,800.00	3,742.49	3,701.56	3,700.41	12.73	8.71	172.24	-29.94	-67.30	567.84	550.05	17.79	31.915	
3,900.00	3,842.49	3,802.71	3,801.52	12.90	8.96	172.24	-32.67	-66.98	570.56	552.27	18.29	31.201	
4,000.00	3,942.49	3,901.44	3,900.22	13.08	9.21	172.25	-35.35	-66.66	573.29	554.51	18.78	30.526	
4,100.00	4,042.49	4,000.17	3,998.90	13.27	9.46	172.25	-38.24	-66.32	576.24	556.96	19.28	29.889	
4,200.00	4,142.49	4,104.32	4,103.02	13.46	9.73	172.24	-41.00	-65.84	578.93	559.12	19.80	29.236	
4,300.00	4,242.49	4,207.97	4,206.64	13.66	9.99	172.20	-42.97	-65.15	580.89	560.57	20.33	28.579	
4,400.00	4,342.49	4,305.50	4,304.16	13.86	10.24	172.18	-44.78	-64.72	582.80	561.97	20.83	27.979	
4,500.00	4,442.49	4,403.16	4,401.79	14.07	10.48	172.22	-47.09	-64.81	585.13	563.79	21.34	27.421	
4,600.00	4,542.49	4,505.52	4,504.12	14.27	10.73	172.28	-49.51	-65.06	587.44	565.58	21.86	26.878	
4,700.00	4,642.49	4,607.81	4,606.39	14.49	10.98	172.31	-51.49	-65.13	589.34	566.97	22.37	26.339	
4,800.00	4,742.49	4,709.07	4,707.64	14.70	11.24	172.32	-53.11	-65.04	590.95	568.04	22.90	25.800	
4,900.00	4,842.49	4,809.96	4,808.51	14.93	11.50	172.32	-54.50	-64.82	592.34	568.90	23.44	25.275	
5,000.00	4,942.49	4,907.49	4,906.04	15.15	11.75	172.30	-55.98	-64.44	593.90	569.93	23.97	24.779	
5,100.00	5,042.49	5,005.20	5,003.73	15.38	12.01	172.28	-57.85	-63.90	595.86	571.36	24.50	24.320	
5,200.00	5,142.49	5,106.42	5,104.93	15.61	12.27	172.25	-59.85	-63.34	597.90	572.86	25.04	23.873	
5,300.00	5,242.49	5,207.83	5,206.32	15.84	12.54	172.23	-61.67	-62.94	599.73	574.14	25.59	23.438	
5,400.00	5,342.49	5,311.50	5,309.98	16.08	12.76	172.25	-63.12	-62.88	601.12	575.02	26.10	23.031	
5,500.00	5,442.49	5,414.70	5,413.17	16.32	12.99	172.30	-63.99	-63.30	601.90	575.29	26.61	22.616	
5,600.00	5,542.49	5,515.08	5,513.55	16.56	13.22	172.34	-64.57	-63.66	602.42	575.30	27.12	22.210	
5,700.00	5,642.49	5,615.29	5,613.76	16.80	13.44	172.35	-65.04	-63.69	602.88	575.25	27.63	21.816	
5,800.00	5,742.49	5,714.52	5,712.98	17.05	13.65	172.38	-65.59	-63.95	603.40	575.26	28.14	21.445	
5,900.00	5,842.49	5,813.50	5,811.96	17.30	13.86	172.46	-66.34	-64.74	604.05	575.41	28.64	21.091	
6,000.00	5,942.49	5,911.04	5,909.49	17.55	14.06	172.56	-67.39	-65.62	605.00	575.87	29.13	20.770	
6,100.00	6,042.49	6,008.45	6,006.88	17.80	14.26	172.64	-68.82	-66.31	606.36	576.74	29.62	20.471	
6,200.00	6,142.49	6,104.49	6,102.91	18.06	14.49	172.71	-70.73	-66.81	608.27	578.13	30.15	20.177	
6,300.00	6,242.49	6,150.00	6,148.40	18.32	14.60	172.74	-71.85	-66.97	613.00	582.45	30.55	20.065	SF
6,400.00	6,342.49	6,150.00	6,148.40	18.58	14.60	172.74	-71.85	-66.97	631.97	601.12	30.85	20.488	
6,500.00	6,442.49	6,150.00	6,148.40	18.84	14.60	172.74	-71.85	-66.97	665.59	634.44	31.14	21.373	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 154 EXISTING - NBU 154 EXISTING - NBU 154 EXISTING

Offset Site Error: 0.00 ft

Survey Program: 100-NS-GYRO-MS

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
6,600.00	6,542.49	6,150.00	6,148.40	19.10	14.60	172.74	-71.85	-66.97	711.77	680.34	31.44	22.640	
6,700.00	6,642.49	6,150.00	6,148.40	19.37	14.60	172.74	-71.85	-66.97	768.27	736.54	31.74	24.208	
6,800.00	6,742.49	6,150.00	6,148.40	19.63	14.60	172.74	-71.85	-66.97	832.98	800.95	32.03	26.003	
6,900.00	6,842.49	6,150.00	6,148.40	19.90	14.60	172.74	-71.85	-66.97	904.14	871.81	32.33	27.964	
7,000.00	6,942.49	6,150.00	6,148.40	20.17	14.60	172.74	-71.85	-66.97	980.35	947.72	32.63	30.042	
7,100.00	7,042.49	6,150.00	6,148.40	20.44	14.60	172.74	-71.85	-66.97	1,060.52	1,027.59	32.93	32.203	
7,200.00	7,142.49	6,150.00	6,148.40	20.71	14.60	172.74	-71.85	-66.97	1,143.82	1,110.59	33.23	34.418	
7,300.00	7,242.49	6,150.00	6,148.40	20.98	14.60	172.74	-71.85	-66.97	1,229.61	1,196.08	33.53	36.667	
7,400.00	7,342.49	6,150.00	6,148.40	21.26	14.60	172.74	-71.85	-66.97	1,317.41	1,283.57	33.84	38.935	
7,500.00	7,442.49	6,150.00	6,148.40	21.53	14.60	172.74	-71.85	-66.97	1,406.83	1,372.70	34.14	41.209	
7,600.00	7,542.49	6,150.00	6,148.40	21.81	14.60	172.74	-71.85	-66.97	1,497.60	1,463.16	34.44	43.482	
7,700.00	7,642.49	6,150.00	6,148.40	22.09	14.60	172.74	-71.85	-66.97	1,589.47	1,554.73	34.74	45.747	
7,800.00	7,742.49	6,150.00	6,148.40	22.37	14.60	172.74	-71.85	-66.97	1,682.27	1,647.22	35.05	47.998	
7,900.00	7,842.49	6,150.00	6,148.40	22.65	14.60	172.74	-71.85	-66.97	1,775.85	1,740.50	35.35	50.233	
8,000.00	7,942.49	6,150.00	6,148.40	22.93	14.60	172.74	-71.85	-66.97	1,870.10	1,834.44	35.66	52.447	
8,100.00	8,042.49	6,150.00	6,148.40	23.21	14.60	172.74	-71.85	-66.97	1,964.91	1,928.95	35.96	54.639	
8,200.00	8,142.49	6,150.00	6,148.40	23.49	14.60	172.74	-71.85	-66.97	2,060.22	2,023.95	36.27	56.806	
8,300.00	8,242.49	6,150.00	6,148.40	23.78	14.60	172.74	-71.85	-66.97	2,155.95	2,119.38	36.57	58.949	
8,400.00	8,342.49	6,150.00	6,148.40	24.06	14.60	172.74	-71.85	-66.97	2,252.05	2,215.17	36.88	61.066	
8,500.00	8,442.49	6,150.00	6,148.40	24.35	14.60	172.74	-71.85	-66.97	2,348.48	2,311.30	37.19	63.156	
8,600.00	8,542.49	6,150.00	6,148.40	24.63	14.60	172.74	-71.85	-66.97	2,445.20	2,407.70	37.49	65.219	
8,700.00	8,642.49	6,150.00	6,148.40	24.92	14.60	172.74	-71.85	-66.97	2,542.16	2,504.36	37.80	67.255	
8,800.00	8,742.49	6,150.00	6,148.40	25.21	14.60	172.74	-71.85	-66.97	2,639.36	2,601.25	38.11	69.263	
8,900.00	8,842.49	6,150.00	6,148.40	25.50	14.60	172.74	-71.85	-66.97	2,736.76	2,698.34	38.41	71.244	
9,000.00	8,942.49	6,150.00	6,148.40	25.78	14.60	172.74	-71.85	-66.97	2,834.33	2,795.61	38.72	73.198	
9,100.00	9,042.49	6,150.00	6,148.40	26.07	14.60	172.74	-71.85	-66.97	2,932.08	2,893.05	39.03	75.125	
9,200.00	9,142.49	6,150.00	6,148.40	26.36	14.60	172.74	-71.85	-66.97	3,029.96	2,990.63	39.34	77.024	
9,300.00	9,242.49	6,150.00	6,148.40	26.66	14.60	172.74	-71.85	-66.97	3,127.99	3,088.34	39.65	78.898	
9,400.00	9,342.49	6,150.00	6,148.40	26.95	14.60	172.74	-71.85	-66.97	3,226.13	3,186.18	39.95	80.744	
9,500.00	9,442.49	6,150.00	6,148.40	27.24	14.60	172.74	-71.85	-66.97	3,324.39	3,284.12	40.26	82.565	
9,600.00	9,542.49	6,150.00	6,148.40	27.53	14.60	172.74	-71.85	-66.97	3,422.74	3,382.17	40.57	84.360	
9,700.00	9,642.49	6,150.00	6,148.40	27.83	14.60	172.74	-71.85	-66.97	3,521.19	3,480.31	40.88	86.129	
9,800.00	9,742.49	6,150.00	6,148.40	28.12	14.60	172.74	-71.85	-66.97	3,619.72	3,578.53	41.19	87.874	
9,900.00	9,842.49	6,150.00	6,148.40	28.41	14.60	172.74	-71.85	-66.97	3,718.33	3,676.83	41.50	89.594	
10,000.00	9,942.49	6,150.00	6,148.40	28.71	14.60	172.74	-71.85	-66.97	3,817.02	3,775.21	41.81	91.290	
10,100.00	10,042.49	6,150.00	6,148.40	29.00	14.60	172.74	-71.85	-66.97	3,915.77	3,873.65	42.12	92.963	
10,200.00	10,142.49	6,150.00	6,148.40	29.30	14.60	172.74	-71.85	-66.97	4,014.58	3,972.15	42.43	94.611	
10,300.00	10,242.49	6,150.00	6,148.40	29.60	14.60	172.74	-71.85	-66.97	4,113.45	4,070.71	42.74	96.237	
10,400.00	10,342.49	6,150.00	6,148.40	29.89	14.60	172.74	-71.85	-66.97	4,212.37	4,169.32	43.05	97.841	
10,500.00	10,442.49	6,150.00	6,148.40	30.19	14.60	172.74	-71.85	-66.97	4,311.35	4,267.98	43.36	99.422	
10,600.00	10,542.49	6,150.00	6,148.40	30.49	14.60	172.74	-71.85	-66.97	4,410.37	4,366.69	43.68	100.981	
10,700.00	10,642.49	6,150.00	6,148.40	30.79	14.60	172.74	-71.85	-66.97	4,509.43	4,465.44	43.99	102.519	
10,797.51	10,740.00	6,150.00	6,148.40	31.08	14.60	172.74	-71.85	-66.97	4,606.06	4,561.77	44.29	103.998	

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26I3DS - NBU 921-26I3DS - NBU 921-26I3DS

Offset Site Error: 0.00 ft

Survey Program: 144-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	87.91	1.09	29.97	29.99				
169.00	169.00	168.96	168.96	0.16	0.19	125.82	1.89	30.03	30.28	29.93	0.35	86.924	
199.00	199.00	199.03	199.03	0.23	0.25	115.06	2.15	30.03	30.37	29.89	0.48	63.337	
228.00	228.00	227.96	227.96	0.29	0.31	115.99	2.42	30.01	30.48	29.87	0.60	50.498	ES
256.00	256.00	255.77	255.76	0.36	0.37	99.55	2.70	30.11	30.70	29.97	0.72	42.406	
285.00	284.99	284.47	284.46	0.42	0.43	93.62	3.14	30.43	31.11	30.26	0.85	36.549	
313.00	312.97	312.22	312.20	0.49	0.49	102.88	3.58	31.00	31.84	30.86	0.98	32.560	
342.00	341.95	340.96	340.92	0.56	0.56	105.27	4.06	31.78	32.93	31.82	1.11	29.658	
371.00	370.90	369.70	369.64	0.63	0.62	109.95	4.57	32.77	34.44	33.19	1.25	27.615	
401.00	400.82	399.42	399.33	0.70	0.69	109.33	5.06	33.94	36.33	34.95	1.39	26.214	
430.00	429.72	428.02	427.91	0.77	0.75	112.27	5.54	35.23	38.47	36.94	1.52	25.236	
461.00	460.59	458.58	458.41	0.85	0.82	114.23	5.95	36.85	41.17	39.50	1.67	24.606	
490.00	489.45	487.17	486.96	0.92	0.89	116.82	6.28	38.49	43.95	42.14	1.81	24.242	
517.00	516.33	513.75	513.49	0.99	0.95	118.91	6.56	40.16	46.78	44.84	1.94	24.083	SF
547.00	546.19	543.35	543.02	1.06	1.02	118.75	6.71	42.09	50.02	47.94	2.07	24.107	
578.00	577.04	573.91	573.50	1.14	1.09	120.72	6.64	44.16	53.59	51.38	2.22	24.189	
608.00	606.85	603.72	603.26	1.22	1.15	124.21	6.45	46.13	57.33	54.98	2.36	24.324	
638.00	636.63	633.49	632.96	1.31	1.22	128.59	6.21	47.98	61.34	58.84	2.50	24.563	
668.00	666.35	663.17	662.59	1.40	1.28	132.24	5.83	49.73	65.72	63.08	2.64	24.896	
698.00	696.01	692.96	692.33	1.50	1.34	133.18	5.50	51.38	70.43	67.64	2.78	25.302	
728.00	725.60	722.59	721.92	1.60	1.41	136.68	5.26	52.96	75.49	72.57	2.93	25.770	
758.00	755.10	752.13	751.42	1.71	1.47	137.48	5.06	54.47	80.92	77.84	3.08	26.312	
788.00	784.51	781.37	780.62	1.82	1.54	139.84	4.95	55.95	86.71	83.49	3.22	26.889	
818.00	813.85	810.20	809.41	1.94	1.60	141.71	4.79	57.48	92.98	89.61	3.38	27.546	
848.00	843.14	839.14	838.30	2.07	1.67	141.93	4.58	59.08	99.58	96.06	3.53	28.241	
878.00	872.36	868.07	867.19	2.19	1.74	141.50	4.35	60.71	106.41	102.73	3.68	28.947	
968.00	959.83	955.66	954.64	2.59	1.94	145.50	3.87	65.59	127.58	123.46	4.12	30.964	
1,058.00	1,047.08	1,043.27	1,042.15	3.01	2.14	151.13	3.66	69.84	149.68	145.12	4.56	32.831	
1,148.00	1,134.31	1,129.54	1,128.32	3.40	2.33	154.53	3.45	74.07	172.47	167.50	4.98	34.666	
1,238.00	1,221.68	1,216.06	1,214.72	3.79	2.53	157.39	3.07	78.55	195.46	190.07	5.39	36.263	
1,328.00	1,308.97	1,303.15	1,301.69	4.21	2.73	158.45	2.73	82.99	218.84	213.02	5.82	37.596	
1,418.00	1,396.43	1,389.43	1,387.87	4.62	2.92	160.38	2.16	87.23	241.78	235.54	6.24	38.728	
1,508.00	1,484.27	1,476.60	1,474.91	4.98	3.12	158.82	1.56	91.83	263.36	256.69	6.66	39.534	
1,598.00	1,572.12	1,565.80	1,563.97	5.36	3.33	161.42	1.66	96.96	284.59	277.50	7.09	40.136	
1,688.00	1,659.75	1,652.96	1,650.96	5.77	3.53	165.13	2.28	102.27	306.77	299.24	7.53	40.753	
1,778.00	1,747.24	1,738.59	1,736.44	6.20	3.73	165.22	2.52	107.32	329.92	321.95	7.97	41.412	
1,868.00	1,834.80	1,825.73	1,823.45	6.60	3.93	161.68	2.30	112.07	352.78	344.37	8.41	41.946	
1,958.00	1,922.45	1,915.68	1,913.28	6.99	4.13	159.24	2.36	116.77	374.58	365.73	8.85	42.344	
2,048.00	2,009.98	2,004.00	2,001.48	7.41	4.33	159.88	2.98	121.39	396.25	386.96	9.29	42.668	
2,138.00	2,097.47	2,087.73	2,085.09	7.81	4.52	159.38	3.36	125.91	418.30	408.58	9.73	43.005	
2,228.00	2,185.32	2,175.31	2,172.54	8.19	4.72	162.77	3.25	130.61	439.47	429.31	10.16	43.251	
2,318.00	2,273.45	2,264.78	2,261.90	8.55	4.92	164.83	3.07	134.92	459.40	448.83	10.58	43.439	
2,408.00	2,361.49	2,351.33	2,348.36	8.93	5.11	163.31	2.80	138.74	479.70	468.70	10.99	43.636	
2,437.00	2,389.80	2,367.00	2,364.02	9.06	5.15	163.69	2.73	139.45	486.66	475.55	11.10	43.836	
2,500.00	2,451.28	2,367.00	2,364.02	9.34	5.15	163.69	2.73	139.45	506.81	495.53	11.28	44.921	
2,542.20	2,492.45	2,367.00	2,364.02	9.53	5.15	163.69	2.73	139.45	524.13	512.72	11.41	45.953	
2,565.99	2,515.65	2,367.00	2,364.02	9.64	5.15	161.38	2.73	139.45	535.19	523.70	11.48	46.613	
2,586.42	2,535.53	2,367.00	2,364.02	9.74	5.15	161.38	2.73	139.45	545.38	533.84	11.54	47.244	
2,600.00	2,548.76	2,367.00	2,364.02	9.80	5.15	161.43	2.73	139.45	552.46	540.87	11.59	47.681	
2,700.00	2,646.55	2,367.00	2,364.02	10.22	5.15	161.82	2.73	139.45	610.08	598.20	11.88	51.355	
2,800.00	2,744.93	2,367.00	2,364.02	10.60	5.15	162.29	2.73	139.45	675.57	663.41	12.15	55.580	
2,900.00	2,843.81	2,367.00	2,364.02	10.94	5.15	162.82	2.73	139.45	746.82	734.41	12.41	60.175	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26I3DS - NBU 921-26I3DS - NBU 921-26I3DS

Offset Site Error: 0.00 ft

Survey Program: 144-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
3,000.00	2,943.10	2,367.00	2,364.02	11.25	5.15	163.40	2.73	139.45	822.27	809.62	12.65	65.019	
3,100.00	3,042.71	2,367.00	2,364.02	11.52	5.15	164.03	2.73	139.45	900.80	887.94	12.86	70.035	
3,200.00	3,142.53	2,367.00	2,364.02	11.74	5.15	164.68	2.73	139.45	981.62	968.56	13.06	75.172	
3,300.00	3,242.49	2,367.00	2,364.02	11.93	5.15	165.34	2.73	139.45	1,064.14	1,050.90	13.24	80.398	
3,339.51	3,282.00	2,367.00	2,364.02	11.99	5.15	151.85	2.73	139.45	1,097.10	1,083.80	13.30	82.482	
3,400.00	3,342.49	2,367.00	2,364.02	12.08	5.15	151.85	2.73	139.45	1,148.20	1,134.77	13.43	85.490	
3,500.00	3,442.49	2,367.00	2,364.02	12.23	5.15	151.85	2.73	139.45	1,234.52	1,220.88	13.65	90.462	
3,600.00	3,542.49	2,367.00	2,364.02	12.39	5.15	151.85	2.73	139.45	1,322.78	1,308.91	13.87	95.375	
3,700.00	3,642.49	2,367.00	2,364.02	12.56	5.15	151.85	2.73	139.45	1,412.60	1,398.50	14.10	100.204	
3,800.00	3,742.49	2,367.00	2,364.02	12.73	5.15	151.85	2.73	139.45	1,503.71	1,489.38	14.33	104.929	
3,900.00	3,842.49	2,367.00	2,364.02	12.90	5.15	151.85	2.73	139.45	1,595.88	1,581.31	14.57	109.540	
4,000.00	3,942.49	2,367.00	2,364.02	13.08	5.15	151.85	2.73	139.45	1,688.94	1,674.13	14.81	114.027	
4,100.00	4,042.49	2,367.00	2,364.02	13.27	5.15	151.85	2.73	139.45	1,782.76	1,767.70	15.06	118.386	
4,200.00	4,142.49	2,367.00	2,364.02	13.46	5.15	151.85	2.73	139.45	1,877.21	1,861.90	15.31	122.614	
4,300.00	4,242.49	2,367.00	2,364.02	13.66	5.15	151.85	2.73	139.45	1,972.21	1,956.64	15.56	126.712	
4,400.00	4,342.49	2,367.00	2,364.02	13.86	5.15	151.85	2.73	139.45	2,067.68	2,051.86	15.82	130.680	
4,500.00	4,442.49	2,367.00	2,364.02	14.07	5.15	151.85	2.73	139.45	2,163.56	2,147.48	16.08	134.520	
4,600.00	4,542.49	2,367.00	2,364.02	14.27	5.15	151.85	2.73	139.45	2,259.80	2,243.45	16.35	138.235	
4,700.00	4,642.49	2,367.00	2,364.02	14.49	5.15	151.85	2.73	139.45	2,356.35	2,339.73	16.61	141.827	
4,800.00	4,742.49	2,367.00	2,364.02	14.70	5.15	151.85	2.73	139.45	2,453.18	2,436.29	16.88	145.300	
4,900.00	4,842.49	2,367.00	2,364.02	14.93	5.15	151.85	2.73	139.45	2,550.25	2,533.09	17.16	148.657	
5,000.00	4,942.49	2,367.00	2,364.02	15.15	5.15	151.85	2.73	139.45	2,647.54	2,630.11	17.43	151.904	
5,100.00	5,042.49	2,367.00	2,364.02	15.38	5.15	151.85	2.73	139.45	2,745.02	2,727.32	17.70	155.043	
5,200.00	5,142.49	2,367.00	2,364.02	15.61	5.15	151.85	2.73	139.45	2,842.68	2,824.70	17.98	158.078	
5,300.00	5,242.49	2,367.00	2,364.02	15.84	5.15	151.85	2.73	139.45	2,940.50	2,922.24	18.26	161.013	
5,400.00	5,342.49	2,367.00	2,364.02	16.08	5.15	151.85	2.73	139.45	3,038.46	3,019.92	18.54	163.853	
5,500.00	5,442.49	2,367.00	2,364.02	16.32	5.15	151.85	2.73	139.45	3,136.55	3,117.72	18.83	166.601	
5,600.00	5,542.49	2,367.00	2,364.02	16.56	5.15	151.85	2.73	139.45	3,234.75	3,215.64	19.11	169.260	
5,700.00	5,642.49	2,367.00	2,364.02	16.80	5.15	151.85	2.73	139.45	3,333.07	3,313.67	19.40	171.834	
5,800.00	5,742.49	2,367.00	2,364.02	17.05	5.15	151.85	2.73	139.45	3,431.47	3,411.79	19.68	174.326	
5,900.00	5,842.49	2,367.00	2,364.02	17.30	5.15	151.85	2.73	139.45	3,529.97	3,510.00	19.97	176.741	
6,000.00	5,942.49	2,367.00	2,364.02	17.55	5.15	151.85	2.73	139.45	3,628.55	3,608.29	20.26	179.080	
6,100.00	6,042.49	2,367.00	2,364.02	17.80	5.15	151.85	2.73	139.45	3,727.21	3,706.66	20.55	181.347	
6,200.00	6,142.49	2,367.00	2,364.02	18.06	5.15	151.85	2.73	139.45	3,825.94	3,805.09	20.84	183.545	
6,300.00	6,242.49	2,367.00	2,364.02	18.32	5.15	151.85	2.73	139.45	3,924.73	3,903.59	21.14	185.677	
6,400.00	6,342.49	2,367.00	2,364.02	18.58	5.15	151.85	2.73	139.45	4,023.58	4,002.15	21.43	187.745	
6,500.00	6,442.49	2,367.00	2,364.02	18.84	5.15	151.85	2.73	139.45	4,122.48	4,100.76	21.73	189.752	
6,600.00	6,542.49	2,367.00	2,364.02	19.10	5.15	151.85	2.73	139.45	4,221.44	4,199.42	22.02	191.700	
6,700.00	6,642.49	2,367.00	2,364.02	19.37	5.15	151.85	2.73	139.45	4,320.45	4,298.13	22.32	193.592	
6,800.00	6,742.49	2,367.00	2,364.02	19.63	5.15	151.85	2.73	139.45	4,419.50	4,396.88	22.61	195.430	
6,900.00	6,842.49	2,367.00	2,364.02	19.90	5.15	151.85	2.73	139.45	4,518.59	4,495.68	22.91	197.215	
7,000.00	6,942.49	2,367.00	2,364.02	20.17	5.15	151.85	2.73	139.45	4,617.72	4,594.51	23.21	198.951	
7,100.00	7,042.49	2,367.00	2,364.02	20.44	5.15	151.85	2.73	139.45	4,716.89	4,693.38	23.51	200.639	
7,200.00	7,142.49	2,367.00	2,364.02	20.71	5.15	151.85	2.73	139.45	4,816.09	4,792.28	23.81	202.280	
7,300.00	7,242.49	2,367.00	2,364.02	20.98	5.15	151.85	2.73	139.45	4,915.33	4,891.22	24.11	203.877	
7,400.00	7,342.49	2,367.00	2,364.02	21.26	5.15	151.85	2.73	139.45	5,014.59	4,990.18	24.41	205.431	
7,500.00	7,442.49	2,367.00	2,364.02	21.53	5.15	151.85	2.73	139.45	5,113.89	5,089.17	24.71	206.944	
7,600.00	7,542.49	2,367.00	2,364.02	21.81	5.15	151.85	2.73	139.45	5,213.21	5,188.19	25.01	208.418	
7,700.00	7,642.49	2,367.00	2,364.02	22.09	5.15	151.85	2.73	139.45	5,312.55	5,287.24	25.32	209.853	
7,800.00	7,742.49	2,367.00	2,364.02	22.37	5.15	151.85	2.73	139.45	5,411.92	5,386.30	25.62	211.251	
7,900.00	7,842.49	2,367.00	2,364.02	22.65	5.15	151.85	2.73	139.45	5,511.32	5,485.39	25.92	212.614	
8,000.00	7,942.49	2,367.00	2,364.02	22.93	5.15	151.85	2.73	139.45	5,610.73	5,584.50	26.23	213.943	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

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Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26I3DS - NBU 921-26I3DS - NBU 921-26I3DS

Offset Site Error: 0.00 ft

Survey Program: 144-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
8,100.00	8,042.49	2,367.00	2,364.02	23.21	5.15	151.85	2.73	139.45	5,710.17	5,683.64	26.53	215.239	
8,200.00	8,142.49	2,367.00	2,364.02	23.49	5.15	151.85	2.73	139.45	5,809.62	5,782.79	26.83	216.503	
8,300.00	8,242.49	2,367.00	2,364.02	23.78	5.15	151.85	2.73	139.45	5,909.09	5,881.95	27.14	217.736	
8,400.00	8,342.49	2,367.00	2,364.02	24.06	5.15	151.85	2.73	139.45	6,008.58	5,981.14	27.44	218.939	
8,500.00	8,442.49	2,367.00	2,364.02	24.35	5.15	151.85	2.73	139.45	6,108.09	6,080.34	27.75	220.114	
8,600.00	8,542.49	2,367.00	2,364.02	24.63	5.15	151.85	2.73	139.45	6,207.61	6,179.56	28.06	221.261	
8,700.00	8,642.49	2,367.00	2,364.02	24.92	5.15	151.85	2.73	139.45	6,307.15	6,278.79	28.36	222.382	
8,800.00	8,742.49	2,367.00	2,364.02	25.21	5.15	151.85	2.73	139.45	6,406.70	6,378.03	28.67	223.477	
8,900.00	8,842.49	2,367.00	2,364.02	25.50	5.15	151.85	2.73	139.45	6,506.27	6,477.29	28.98	224.546	
9,000.00	8,942.49	2,367.00	2,364.02	25.78	5.15	151.85	2.73	139.45	6,605.85	6,576.57	29.28	225.592	
9,100.00	9,042.49	2,367.00	2,364.02	26.07	5.15	151.85	2.73	139.45	6,705.44	6,675.85	29.59	226.614	
9,200.00	9,142.49	2,367.00	2,364.02	26.36	5.15	151.85	2.73	139.45	6,805.04	6,775.15	29.90	227.613	
9,300.00	9,242.49	2,367.00	2,364.02	26.66	5.15	151.85	2.73	139.45	6,904.66	6,874.45	30.21	228.591	
9,400.00	9,342.49	2,367.00	2,364.02	26.95	5.15	151.85	2.73	139.45	7,004.29	6,973.77	30.51	229.547	
9,500.00	9,442.49	2,367.00	2,364.02	27.24	5.15	151.85	2.73	139.45	7,103.92	7,073.10	30.82	230.483	
9,600.00	9,542.49	2,367.00	2,364.02	27.53	5.15	151.85	2.73	139.45	7,203.57	7,172.44	31.13	231.399	
9,700.00	9,642.49	2,367.00	2,364.02	27.83	5.15	151.85	2.73	139.45	7,303.22	7,271.79	31.44	232.296	
9,800.00	9,742.49	2,367.00	2,364.02	28.12	5.15	151.85	2.73	139.45	7,402.89	7,371.14	31.75	233.174	
9,900.00	9,842.49	2,367.00	2,364.02	28.41	5.15	151.85	2.73	139.45	7,502.57	7,470.51	32.06	234.034	
10,000.00	9,942.49	2,367.00	2,364.02	28.71	5.15	151.85	2.73	139.45	7,602.25	7,569.88	32.37	234.876	
10,100.00	10,042.49	2,367.00	2,364.02	29.00	5.15	151.85	2.73	139.45	7,701.94	7,669.26	32.68	235.701	
10,200.00	10,142.49	2,367.00	2,364.02	29.30	5.15	151.85	2.73	139.45	7,801.64	7,768.65	32.99	236.509	
10,300.00	10,242.49	2,367.00	2,364.02	29.60	5.15	151.85	2.73	139.45	7,901.35	7,868.05	33.30	237.302	
10,400.00	10,342.49	2,367.00	2,364.02	29.89	5.15	151.85	2.73	139.45	8,001.06	7,967.45	33.61	238.079	
10,500.00	10,442.49	2,367.00	2,364.02	30.19	5.15	151.85	2.73	139.45	8,100.78	8,066.86	33.92	238.840	
10,600.00	10,542.49	2,367.00	2,364.02	30.49	5.15	151.85	2.73	139.45	8,200.51	8,166.28	34.23	239.587	
10,700.00	10,642.49	2,367.00	2,364.02	30.79	5.15	151.85	2.73	139.45	8,300.24	8,265.70	34.54	240.320	
10,797.51	10,740.00	2,367.00	2,364.02	31.08	5.15	151.85	2.73	139.45	8,397.50	8,362.66	34.84	241.021	

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Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26I3DS - NBU 921-26I3DS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 144-MWD, 2367-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	87.91	1.09	29.97	29.99				
169.00	169.00	168.96	168.96	0.16	0.19	125.82	1.89	30.03	30.28	29.93	0.35	86.924	
199.00	199.00	199.03	199.03	0.23	0.25	115.06	2.15	30.03	30.37	29.89	0.48	63.337	
228.00	228.00	227.96	227.96	0.29	0.31	115.99	2.42	30.01	30.48	29.87	0.60	50.498	ES
256.00	256.00	255.77	255.76	0.36	0.37	99.55	2.70	30.11	30.70	29.97	0.72	42.406	
285.00	284.99	284.47	284.46	0.42	0.43	93.62	3.14	30.43	31.11	30.26	0.85	36.549	
313.00	312.97	312.22	312.20	0.49	0.49	102.88	3.58	31.00	31.84	30.86	0.98	32.560	
342.00	341.95	340.96	340.92	0.56	0.56	105.27	4.06	31.78	32.93	31.82	1.11	29.658	
371.00	370.90	369.70	369.64	0.63	0.62	109.95	4.57	32.77	34.44	33.19	1.25	27.615	
401.00	400.82	399.42	399.33	0.70	0.69	109.33	5.06	33.94	36.33	34.95	1.39	26.214	
430.00	429.72	428.02	427.91	0.77	0.75	112.27	5.54	35.23	38.47	36.94	1.52	25.236	
461.00	460.59	458.58	458.41	0.85	0.82	114.23	5.95	36.85	41.17	39.50	1.67	24.605	
490.00	489.45	487.17	486.96	0.92	0.89	116.82	6.28	38.49	43.95	42.14	1.81	24.242	
517.00	516.33	513.75	513.49	0.99	0.95	118.91	6.56	40.16	46.78	44.84	1.94	24.083	
547.00	546.19	543.35	543.02	1.06	1.02	118.75	6.71	42.09	50.02	47.94	2.07	24.107	
578.00	577.04	573.91	573.50	1.14	1.09	120.72	6.64	44.16	53.59	51.38	2.22	24.189	
608.00	606.85	603.72	603.26	1.22	1.15	124.21	6.45	46.13	57.33	54.98	2.36	24.324	
638.00	636.63	633.49	632.96	1.31	1.22	128.59	6.21	47.98	61.34	58.84	2.50	24.563	
668.00	666.35	663.17	662.59	1.40	1.28	132.24	5.83	49.73	65.72	63.08	2.64	24.896	
698.00	696.01	692.96	692.33	1.50	1.34	133.18	5.50	51.38	70.43	67.64	2.78	25.302	
728.00	725.60	722.59	721.92	1.60	1.41	136.68	5.26	52.96	75.49	72.57	2.93	25.770	
758.00	755.10	752.13	751.42	1.71	1.47	137.48	5.06	54.47	80.92	77.84	3.08	26.312	
788.00	784.51	781.37	780.62	1.82	1.54	139.84	4.95	55.95	86.71	83.49	3.22	26.889	
818.00	813.85	810.20	809.41	1.94	1.60	141.71	4.79	57.48	92.98	89.61	3.38	27.546	
848.00	843.14	839.14	838.30	2.07	1.67	141.93	4.58	59.08	99.58	96.06	3.53	28.241	
878.00	872.36	868.07	867.19	2.19	1.74	141.50	4.35	60.71	106.41	102.73	3.68	28.947	
968.00	959.83	955.66	954.64	2.59	1.94	145.50	3.87	65.59	127.58	123.46	4.12	30.964	
1,058.00	1,047.08	1,043.27	1,042.15	3.01	2.14	151.13	3.66	69.84	149.68	145.12	4.56	32.831	
1,148.00	1,134.31	1,129.54	1,128.32	3.40	2.33	154.53	3.45	74.07	172.47	167.50	4.98	34.666	
1,238.00	1,221.68	1,216.06	1,214.72	3.79	2.53	157.39	3.07	78.55	195.46	190.07	5.39	36.263	
1,328.00	1,308.97	1,303.15	1,301.69	4.21	2.73	158.45	2.73	82.99	218.84	213.02	5.82	37.596	
1,418.00	1,396.43	1,389.43	1,387.87	4.62	2.92	160.38	2.16	87.23	241.78	235.54	6.24	38.728	
1,508.00	1,484.27	1,476.60	1,474.91	4.98	3.12	158.82	1.56	91.83	263.36	256.69	6.66	39.534	
1,598.00	1,572.12	1,565.80	1,563.97	5.36	3.33	161.42	1.66	96.96	284.59	277.50	7.09	40.136	
1,688.00	1,659.75	1,652.96	1,650.96	5.77	3.53	165.13	2.28	102.27	306.77	299.24	7.53	40.753	
1,778.00	1,747.24	1,738.59	1,736.44	6.20	3.73	165.22	2.52	107.32	329.92	321.95	7.97	41.412	
1,868.00	1,834.80	1,825.73	1,823.45	6.60	3.93	161.68	2.30	112.07	352.78	344.37	8.41	41.946	
1,958.00	1,922.45	1,915.68	1,913.28	6.99	4.13	159.24	2.36	116.77	374.58	365.73	8.85	42.344	
2,048.00	2,009.98	2,004.00	2,001.48	7.41	4.33	159.88	2.98	121.39	396.25	386.96	9.29	42.668	
2,138.00	2,097.47	2,087.73	2,085.09	7.81	4.52	159.38	3.36	125.91	418.30	408.58	9.73	43.005	
2,228.00	2,185.32	2,175.31	2,172.54	8.19	4.72	162.77	3.25	130.61	439.47	429.31	10.16	43.251	
2,318.00	2,273.45	2,264.78	2,261.90	8.55	4.92	164.83	3.07	134.92	459.40	448.83	10.58	43.438	
2,408.00	2,361.49	2,351.33	2,348.36	8.93	5.11	163.31	2.80	138.74	479.70	468.70	10.99	43.636	
2,437.00	2,389.80	2,379.23	2,376.24	9.06	5.17	163.73	2.67	140.00	486.50	475.37	11.13	43.707	
2,500.00	2,451.28	2,440.41	2,437.36	9.34	5.32	163.91	2.38	142.77	501.47	490.02	11.45	43.811	
2,542.20	2,492.45	2,478.86	2,475.76	9.53	5.41	164.01	2.19	144.61	511.55	499.89	11.65	43.898	
2,565.99	2,515.65	2,500.00	2,496.86	9.64	5.46	161.90	2.09	145.89	517.46	505.69	11.77	43.962	
2,586.42	2,535.53	2,516.49	2,513.31	9.74	5.50	161.93	2.02	147.05	522.69	510.82	11.87	44.018	
2,600.00	2,548.76	2,528.01	2,524.80	9.80	5.54	161.96	1.97	147.94	526.20	514.25	11.95	44.043	
2,700.00	2,646.55	2,612.60	2,608.93	10.22	5.78	161.90	1.64	156.63	551.67	539.19	12.48	44.196	
2,800.00	2,744.93	2,700.00	2,695.37	10.60	6.06	161.42	1.36	169.52	576.55	563.49	13.06	44.149	
2,900.00	2,843.81	2,779.44	2,773.35	10.94	6.37	160.68	1.16	184.65	600.92	587.28	13.64	44.041	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26I3DS - NBU 921-26I3DS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 144-MWD, 2367-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
3,000.00	2,943.10	2,861.10	2,852.78	11.25	6.73	159.62	1.02	203.56	625.00	610.73	14.27	43.808	
3,100.00	3,042.71	2,941.21	2,929.85	11.52	7.13	158.34	0.93	225.40	649.00	634.09	14.91	43.528	
3,200.00	3,142.53	3,019.55	3,004.27	11.74	7.58	156.89	0.90	249.87	673.18	657.62	15.57	43.247	
3,300.00	3,242.49	3,104.18	3,083.64	11.93	8.14	155.14	0.92	279.23	697.56	681.27	16.29	42.830	
3,339.51	3,282.00	3,141.14	3,118.24	11.99	8.40	140.63	0.93	292.24	706.84	690.25	16.60	42.593	
3,400.00	3,342.49	3,197.77	3,171.24	12.08	8.80	139.37	0.95	312.16	721.04	703.96	17.07	42.228	
3,500.00	3,442.49	3,291.38	3,258.87	12.23	9.49	137.38	0.98	345.09	745.24	727.37	17.87	41.701	
3,600.00	3,542.49	3,384.98	3,346.49	12.39	10.21	135.52	1.01	378.02	770.29	751.62	18.66	41.272	
3,700.00	3,642.49	3,478.59	3,434.11	12.56	10.94	133.76	1.04	410.95	796.10	776.65	19.45	40.931	
3,800.00	3,742.49	3,572.20	3,521.73	12.73	11.70	132.11	1.07	443.89	822.62	802.39	20.23	40.668	
3,900.00	3,842.49	3,665.81	3,609.36	12.90	12.46	130.56	1.09	476.82	849.76	828.76	21.00	40.473	
4,000.00	3,942.49	3,759.41	3,696.98	13.08	13.24	129.10	1.12	509.75	877.47	855.71	21.75	40.336	
4,100.00	4,042.49	3,853.02	3,784.60	13.27	14.02	127.73	1.15	542.68	905.70	883.20	22.50	40.249	
4,200.00	4,142.49	3,946.63	3,872.23	13.46	14.81	126.44	1.18	575.61	934.40	911.16	23.24	40.203	
4,300.00	4,242.49	4,040.24	3,959.85	13.66	15.61	125.22	1.21	608.54	963.53	939.56	23.97	40.192	
4,400.00	4,342.49	4,133.84	4,047.47	13.86	16.42	124.07	1.24	641.47	993.06	968.36	24.70	40.211	
4,500.00	4,442.49	4,227.45	4,135.10	14.07	17.23	122.99	1.27	674.41	1,022.94	997.53	25.41	40.254	
4,600.00	4,542.49	4,321.06	4,222.72	14.27	18.04	121.96	1.30	707.34	1,053.15	1,027.03	26.12	40.318	
4,700.00	4,642.49	4,443.10	4,337.40	14.49	18.95	120.74	1.34	749.05	1,082.90	1,055.99	26.90	40.251	
4,800.00	4,742.49	4,586.47	4,474.17	14.70	19.80	119.57	1.37	792.01	1,109.10	1,081.41	27.69	40.049	
4,900.00	4,842.49	4,734.07	4,617.04	14.93	20.56	118.63	1.41	829.03	1,131.19	1,102.74	28.45	39.757	
5,000.00	4,942.49	4,885.28	4,765.18	15.15	21.22	117.89	1.43	859.28	1,148.89	1,119.71	29.18	39.371	
5,100.00	5,042.49	5,039.37	4,917.56	15.38	21.76	117.36	1.45	882.01	1,161.99	1,132.12	29.87	38.902	
5,200.00	5,142.49	5,195.50	5,072.98	15.61	22.20	117.03	1.47	896.66	1,170.35	1,139.83	30.52	38.346	
5,300.00	5,242.49	5,352.78	5,230.12	15.84	22.51	116.90	1.47	902.84	1,173.85	1,142.72	31.13	37.712	
5,400.00	5,342.49	5,465.15	5,342.49	16.08	22.70	116.89	1.47	903.04	1,173.96	1,142.34	31.62	37.127	
5,500.00	5,442.49	5,565.15	5,442.49	16.32	22.86	116.89	1.47	903.04	1,173.96	1,141.87	32.09	36.583	
5,600.00	5,542.49	5,665.15	5,542.49	16.56	23.03	116.89	1.47	903.04	1,173.96	1,141.39	32.57	36.048	
5,700.00	5,642.49	5,765.15	5,642.49	16.80	23.20	116.89	1.47	903.04	1,173.96	1,140.91	33.05	35.523	
5,800.00	5,742.49	5,865.15	5,742.49	17.05	23.38	116.89	1.47	903.04	1,173.96	1,140.43	33.53	35.007	
5,900.00	5,842.49	5,965.15	5,842.49	17.30	23.56	116.89	1.47	903.04	1,173.96	1,139.93	34.03	34.502	
6,000.00	5,942.49	6,065.15	5,942.49	17.55	23.74	116.89	1.47	903.04	1,173.96	1,139.44	34.52	34.006	
6,100.00	6,042.49	6,165.15	6,042.49	17.80	23.92	116.89	1.47	903.04	1,173.96	1,138.94	35.02	33.520	
6,200.00	6,142.49	6,265.15	6,142.49	18.06	24.11	116.89	1.47	903.04	1,173.96	1,138.43	35.53	33.044	
6,300.00	6,242.49	6,365.15	6,242.49	18.32	24.30	116.89	1.47	903.04	1,173.96	1,137.93	36.04	32.578	
6,400.00	6,342.49	6,465.15	6,342.49	18.58	24.49	116.89	1.47	903.04	1,173.96	1,137.41	36.55	32.121	
6,500.00	6,442.49	6,565.15	6,442.49	18.84	24.68	116.89	1.47	903.04	1,173.96	1,136.90	37.06	31.673	
6,600.00	6,542.49	6,665.15	6,542.49	19.10	24.88	116.89	1.47	903.04	1,173.96	1,136.38	37.58	31.235	
6,700.00	6,642.49	6,765.15	6,642.49	19.37	25.08	116.89	1.47	903.04	1,173.96	1,135.85	38.11	30.806	
6,800.00	6,742.49	6,865.15	6,742.49	19.63	25.28	116.89	1.47	903.04	1,173.96	1,135.33	38.63	30.386	
6,900.00	6,842.49	6,965.15	6,842.49	19.90	25.49	116.89	1.47	903.04	1,173.96	1,134.80	39.16	29.975	
7,000.00	6,942.49	7,065.15	6,942.49	20.17	25.69	116.89	1.47	903.04	1,173.96	1,134.26	39.70	29.572	
7,100.00	7,042.49	7,165.15	7,042.49	20.44	25.90	116.89	1.47	903.04	1,173.96	1,133.73	40.23	29.178	
7,200.00	7,142.49	7,265.15	7,142.49	20.71	26.11	116.89	1.47	903.04	1,173.96	1,133.19	40.77	28.793	
7,300.00	7,242.49	7,365.15	7,242.49	20.98	26.33	116.89	1.47	903.04	1,173.96	1,132.65	41.31	28.416	
7,400.00	7,342.49	7,465.15	7,342.49	21.26	26.54	116.89	1.47	903.04	1,173.96	1,132.10	41.86	28.046	
7,500.00	7,442.49	7,565.15	7,442.49	21.53	26.76	116.89	1.47	903.04	1,173.96	1,131.56	42.40	27.685	
7,600.00	7,542.49	7,665.15	7,542.49	21.81	26.98	116.89	1.47	903.04	1,173.96	1,131.01	42.95	27.331	
7,700.00	7,642.49	7,765.15	7,642.49	22.09	27.20	116.89	1.47	903.04	1,173.96	1,130.46	43.51	26.984	
7,800.00	7,742.49	7,865.15	7,742.49	22.37	27.42	116.89	1.47	903.04	1,173.96	1,129.90	44.06	26.645	
7,900.00	7,842.49	7,965.15	7,842.49	22.65	27.65	116.89	1.47	903.04	1,173.96	1,129.35	44.61	26.313	
8,000.00	7,942.49	8,065.15	7,942.49	22.93	27.87	116.89	1.47	903.04	1,173.96	1,128.79	45.17	25.988	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26I3DS - NBU 921-26I3DS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 144-MWD, 2367-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
8,100.00	8,042.49	8,165.15	8,042.49	23.21	28.10	116.89	1.47	903.04	1,173.96	1,128.23	45.73	25.670	
8,200.00	8,142.49	8,265.15	8,142.49	23.49	28.33	116.89	1.47	903.04	1,173.96	1,127.67	46.29	25.359	
8,300.00	8,242.49	8,365.15	8,242.49	23.78	28.57	116.89	1.47	903.04	1,173.96	1,127.10	46.86	25.054	
8,400.00	8,342.49	8,465.15	8,342.49	24.06	28.80	116.89	1.47	903.04	1,173.96	1,126.54	47.42	24.755	
8,500.00	8,442.49	8,565.15	8,442.49	24.35	29.03	116.89	1.47	903.04	1,173.96	1,125.97	47.99	24.462	
8,600.00	8,542.49	8,665.15	8,542.49	24.63	29.27	116.89	1.47	903.04	1,173.96	1,125.40	48.56	24.176	
8,700.00	8,642.49	8,765.15	8,642.49	24.92	29.51	116.89	1.47	903.04	1,173.96	1,124.83	49.13	23.895	
8,800.00	8,742.49	8,865.15	8,742.49	25.21	29.75	116.89	1.47	903.04	1,173.96	1,124.26	49.70	23.620	
8,900.00	8,842.49	8,965.15	8,842.49	25.50	29.99	116.89	1.47	903.04	1,173.96	1,123.69	50.28	23.351	
9,000.00	8,942.49	9,065.15	8,942.49	25.78	30.23	116.89	1.47	903.04	1,173.96	1,123.11	50.85	23.087	
9,100.00	9,042.49	9,165.15	9,042.49	26.07	30.48	116.89	1.47	903.04	1,173.96	1,122.53	51.43	22.828	
9,200.00	9,142.49	9,265.15	9,142.49	26.36	30.72	116.89	1.47	903.04	1,173.96	1,121.96	52.00	22.574	
9,300.00	9,242.49	9,365.15	9,242.49	26.66	30.97	116.89	1.47	903.04	1,173.96	1,121.38	52.58	22.325	
9,400.00	9,342.49	9,465.15	9,342.49	26.95	31.22	116.89	1.47	903.04	1,173.96	1,120.80	53.16	22.082	
9,500.00	9,442.49	9,565.15	9,442.49	27.24	31.47	116.89	1.47	903.04	1,173.96	1,120.21	53.75	21.843	
9,600.00	9,542.49	9,665.15	9,542.49	27.53	31.72	116.89	1.47	903.04	1,173.96	1,119.63	54.33	21.608	
9,700.00	9,642.49	9,765.15	9,642.49	27.83	31.97	116.89	1.47	903.04	1,173.96	1,119.05	54.91	21.379	
9,764.35	9,706.84	9,829.51	9,706.84	28.01	32.13	116.89	1.47	903.04	1,173.96	1,118.67	55.29	21.233	
9,800.00	9,742.49	9,858.66	9,736.00	28.12	32.21	116.89	1.47	903.04	1,173.98	1,118.50	55.48	21.161	
9,900.00	9,842.49	9,858.66	9,736.00	28.41	32.21	116.89	1.47	903.04	1,178.78	1,123.00	55.78	21.132	SF
10,000.00	9,942.49	9,858.66	9,736.00	28.71	32.21	116.89	1.47	903.04	1,191.98	1,135.90	56.08	21.254	
10,100.00	10,042.49	9,858.66	9,736.00	29.00	32.21	116.89	1.47	903.04	1,213.31	1,156.93	56.38	21.519	
10,200.00	10,142.49	9,858.66	9,736.00	29.30	32.21	116.89	1.47	903.04	1,242.34	1,185.66	56.69	21.916	
10,300.00	10,242.49	9,858.66	9,736.00	29.60	32.21	116.89	1.47	903.04	1,278.56	1,221.57	56.99	22.435	
10,400.00	10,342.49	9,858.66	9,736.00	29.89	32.21	116.89	1.47	903.04	1,321.37	1,264.08	57.29	23.064	
10,500.00	10,442.49	9,858.66	9,736.00	30.19	32.21	116.89	1.47	903.04	1,370.15	1,312.56	57.59	23.789	
10,600.00	10,542.49	9,858.66	9,736.00	30.49	32.21	116.89	1.47	903.04	1,424.29	1,366.40	57.90	24.600	
10,700.00	10,642.49	9,858.66	9,736.00	30.79	32.21	116.89	1.47	903.04	1,483.21	1,425.01	58.20	25.484	
10,797.51	10,740.00	9,858.66	9,736.00	31.08	32.21	116.89	1.47	903.04	1,544.73	1,486.23	58.50	26.406	

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26J3DS - NBU 921-26J3DS - NBU 921-26J3DS

Offset Site Error: 0.00 ft

Survey Program: 144-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	-91.04	-0.73	-40.05	40.06				
169.00	169.00	168.69	168.69	0.16	0.19	-52.59	-0.82	-40.72	40.53	40.18	0.35	116.146	
199.00	199.00	198.69	198.69	0.23	0.25	-63.40	-0.87	-40.95	40.68	40.20	0.48	84.845	
228.00	228.00	227.66	227.66	0.29	0.31	-62.78	-0.92	-41.18	40.79	40.19	0.60	67.533	
256.00	256.00	255.64	255.63	0.36	0.37	-79.90	-0.94	-41.42	40.92	40.20	0.72	56.501	
285.00	284.99	284.76	284.75	0.42	0.43	-86.95	-0.81	-41.64	41.07	40.22	0.85	48.450	
313.00	312.97	312.88	312.87	0.49	0.49	-79.25	-0.45	-41.78	41.07	40.10	0.97	42.432	
342.00	341.95	341.98	341.96	0.56	0.55	-78.90	0.13	-41.85	40.87	39.78	1.10	37.320	
371.00	370.90	370.81	370.79	0.63	0.61	-77.09	0.92	-41.97	40.56	39.33	1.23	33.085	
401.00	400.82	400.70	400.65	0.70	0.68	-81.54	2.04	-42.21	40.26	38.90	1.36	29.521	
430.00	429.72	429.48	429.40	0.77	0.75	-82.43	3.47	-42.59	40.10	38.60	1.50	26.718	
451.31	450.94	450.67	450.55	0.82	0.80	-83.89	4.73	-42.99	40.06	38.46	1.60	24.965	CC
461.00	460.59	460.31	460.16	0.85	0.82	-84.52	5.34	-43.20	40.07	38.42	1.65	24.258	
490.00	489.45	489.26	489.03	0.92	0.89	-85.36	7.36	-43.89	40.13	38.34	1.80	22.338	ES
517.00	516.33	515.95	515.63	0.99	0.95	-85.94	9.41	-44.68	40.31	38.38	1.93	20.847	
547.00	546.19	545.76	545.33	1.06	1.02	-88.75	11.76	-45.76	40.76	38.68	2.08	19.596	
578.00	577.04	576.50	575.95	1.14	1.10	-89.68	14.17	-47.04	41.45	39.22	2.23	18.559	
608.00	606.85	606.50	605.83	1.22	1.17	-89.58	16.53	-48.38	42.20	39.80	2.39	17.635	
638.00	636.63	636.54	635.74	1.31	1.24	-88.90	18.92	-49.69	42.82	40.27	2.55	16.774	
668.00	666.35	666.57	665.64	1.40	1.32	-89.42	21.32	-50.96	43.32	40.60	2.72	15.942	
698.00	696.01	696.57	695.52	1.50	1.39	-93.18	23.72	-52.18	43.85	40.96	2.89	15.184	
728.00	725.60	726.35	725.19	1.60	1.46	-94.93	26.08	-53.41	44.51	41.45	3.06	14.535	
758.00	755.10	756.07	754.79	1.71	1.53	-99.74	28.38	-54.70	45.46	42.22	3.24	14.029	
788.00	784.51	785.73	784.33	1.82	1.61	-103.27	30.61	-56.06	46.82	43.40	3.42	13.687	
818.00	813.85	815.39	813.88	1.94	1.68	-107.34	32.81	-57.49	48.56	44.96	3.61	13.470	
848.00	843.14	845.02	843.39	2.07	1.76	-112.81	35.01	-58.99	50.76	46.98	3.79	13.409	SF
878.00	872.36	874.61	872.85	2.19	1.83	-118.59	37.21	-60.55	53.55	49.59	3.96	13.519	
968.00	959.83	964.27	962.13	2.59	2.07	-128.63	44.22	-64.99	63.49	59.02	4.47	14.215	
1,058.00	1,047.08	1,053.37	1,050.81	3.01	2.30	-133.82	51.87	-69.13	74.41	69.46	4.95	15.031	
1,148.00	1,134.31	1,142.02	1,139.03	3.40	2.54	-138.71	59.47	-73.21	85.86	80.48	5.38	15.953	
1,238.00	1,221.68	1,230.69	1,227.35	3.79	2.76	-142.24	66.55	-76.89	97.66	91.88	5.78	16.894	
1,328.00	1,308.97	1,319.10	1,315.42	4.21	2.98	-146.24	73.33	-80.63	110.43	104.23	6.20	17.802	
1,418.00	1,396.43	1,407.87	1,403.85	4.62	3.20	-148.46	79.93	-84.54	123.15	116.53	6.62	18.599	
1,508.00	1,484.27	1,496.02	1,491.69	4.98	3.43	-152.64	86.17	-88.57	135.11	128.08	7.02	19.234	
1,598.00	1,572.12	1,585.66	1,581.01	5.36	3.66	-151.88	92.33	-93.03	147.43	139.97	7.46	19.764	
1,688.00	1,659.75	1,675.13	1,670.15	5.77	3.88	-150.20	98.91	-97.00	159.76	151.87	7.89	20.238	
1,778.00	1,747.24	1,764.22	1,758.93	6.20	4.11	-152.15	105.37	-100.63	172.54	164.22	8.32	20.747	
1,868.00	1,834.80	1,854.66	1,849.02	6.60	4.34	-157.49	112.37	-104.12	185.04	176.31	8.73	21.197	
1,958.00	1,922.45	1,944.04	1,938.06	6.99	4.57	-161.40	119.71	-106.92	197.25	188.12	9.13	21.602	
2,048.00	2,009.98	2,032.56	2,026.24	7.41	4.80	-162.00	126.93	-109.84	210.21	200.65	9.56	22.000	
2,138.00	2,097.47	2,119.68	2,113.04	7.81	5.03	-163.57	133.61	-113.02	223.85	213.87	9.98	22.428	
2,228.00	2,185.32	2,208.39	2,201.45	8.19	5.25	-161.20	139.89	-116.72	236.50	226.08	10.42	22.691	
2,318.00	2,273.45	2,297.35	2,290.12	8.55	5.48	-159.86	146.14	-120.36	247.67	236.82	10.85	22.836	
2,408.00	2,361.49	2,385.76	2,378.26	8.93	5.70	-162.03	152.14	-123.81	259.50	248.24	11.26	23.042	
2,437.00	2,389.80	2,408.00	2,400.43	9.06	5.75	-161.79	153.61	-124.72	263.71	252.32	11.39	23.156	
2,500.00	2,451.28	2,408.00	2,400.43	9.34	5.75	-161.79	153.61	-124.72	281.27	269.70	11.57	24.304	
2,542.20	2,492.45	2,408.00	2,400.43	9.53	5.75	-161.79	153.61	-124.72	299.93	288.23	11.70	25.638	
2,565.99	2,515.65	2,408.00	2,400.43	9.64	5.75	-163.95	153.61	-124.72	312.60	300.85	11.75	26.598	
2,586.42	2,535.53	2,408.00	2,400.43	9.74	5.75	-163.95	153.61	-124.72	324.56	312.75	11.81	27.471	
2,600.00	2,548.76	2,408.00	2,400.43	9.80	5.75	-164.00	153.61	-124.72	332.95	321.10	11.85	28.087	
2,700.00	2,646.55	2,408.00	2,400.43	10.22	5.75	-164.47	153.61	-124.72	402.45	390.33	12.12	33.198	
2,800.00	2,744.93	2,408.00	2,400.43	10.60	5.75	-165.06	153.61	-124.72	481.15	468.78	12.37	38.896	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26J3DS - NBU 921-26J3DS - NBU 921-26J3DS

Offset Site Error: 0.00 ft

Survey Program: 144-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
2,900.00	2,843.81	2,408.00	2,400.43	10.94	5.75	-165.74	153.61	-124.72	565.17	552.57	12.60	44.867	
3,000.00	2,943.10	2,408.00	2,400.43	11.25	5.75	-166.49	153.61	-124.72	652.39	639.58	12.80	50.960	
3,100.00	3,042.71	2,408.00	2,400.43	11.52	5.75	-167.28	153.61	-124.72	741.61	728.62	12.99	57.098	
3,200.00	3,142.53	2,408.00	2,400.43	11.74	5.75	-168.07	153.61	-124.72	832.12	818.96	13.16	63.247	
3,300.00	3,242.49	2,408.00	2,400.43	11.93	5.75	-168.86	153.61	-124.72	923.48	910.17	13.31	69.387	
3,339.51	3,282.00	2,408.00	2,400.43	11.99	5.75	177.09	153.61	-124.72	959.73	946.36	13.36	71.810	
3,400.00	3,342.49	2,408.00	2,400.43	12.08	5.75	177.09	153.61	-124.72	1,015.58	1,002.08	13.49	75.257	
3,500.00	3,442.49	2,408.00	2,400.43	12.23	5.75	177.09	153.61	-124.72	1,108.97	1,095.26	13.71	80.879	
3,600.00	3,542.49	2,408.00	2,400.43	12.39	5.75	177.09	153.61	-124.72	1,203.42	1,189.49	13.93	86.363	
3,700.00	3,642.49	2,408.00	2,400.43	12.56	5.75	177.09	153.61	-124.72	1,298.70	1,284.54	14.16	91.697	
3,800.00	3,742.49	2,408.00	2,400.43	12.73	5.75	177.09	153.61	-124.72	1,394.65	1,380.25	14.40	96.872	
3,900.00	3,842.49	2,408.00	2,400.43	12.90	5.75	177.09	153.61	-124.72	1,491.13	1,476.49	14.64	101.883	
4,000.00	3,942.49	2,408.00	2,400.43	13.08	5.75	177.09	153.61	-124.72	1,588.04	1,573.16	14.88	106.730	
4,100.00	4,042.49	2,408.00	2,400.43	13.27	5.75	177.09	153.61	-124.72	1,685.31	1,670.19	15.13	111.415	
4,200.00	4,142.49	2,408.00	2,400.43	13.46	5.75	177.09	153.61	-124.72	1,782.89	1,767.51	15.38	115.938	
4,300.00	4,242.49	2,408.00	2,400.43	13.66	5.75	177.09	153.61	-124.72	1,880.72	1,865.09	15.63	120.305	
4,400.00	4,342.49	2,408.00	2,400.43	13.86	5.75	177.09	153.61	-124.72	1,978.77	1,962.88	15.89	124.518	
4,500.00	4,442.49	2,408.00	2,400.43	14.07	5.75	177.09	153.61	-124.72	2,077.00	2,060.85	16.15	128.584	
4,600.00	4,542.49	2,408.00	2,400.43	14.27	5.75	177.09	153.61	-124.72	2,175.40	2,158.98	16.42	132.506	
4,700.00	4,642.49	2,408.00	2,400.43	14.49	5.75	177.09	153.61	-124.72	2,273.93	2,257.25	16.68	136.291	
4,800.00	4,742.49	2,408.00	2,400.43	14.70	5.75	177.09	153.61	-124.72	2,372.59	2,355.63	16.95	139.942	
4,900.00	4,842.49	2,408.00	2,400.43	14.93	5.75	177.09	153.61	-124.72	2,471.35	2,454.13	17.23	143.466	
5,000.00	4,942.49	2,408.00	2,400.43	15.15	5.75	177.09	153.61	-124.72	2,570.21	2,552.71	17.50	146.867	
5,100.00	5,042.49	2,408.00	2,400.43	15.38	5.75	177.09	153.61	-124.72	2,669.16	2,651.38	17.78	150.151	
5,200.00	5,142.49	2,408.00	2,400.43	15.61	5.75	177.09	153.61	-124.72	2,768.18	2,750.13	18.05	153.323	
5,300.00	5,242.49	2,408.00	2,400.43	15.84	5.75	177.09	153.61	-124.72	2,867.27	2,848.94	18.33	156.386	
5,400.00	5,342.49	2,408.00	2,400.43	16.08	5.75	177.09	153.61	-124.72	2,966.42	2,947.80	18.62	159.346	
5,500.00	5,442.49	2,408.00	2,400.43	16.32	5.75	177.09	153.61	-124.72	3,065.63	3,046.73	18.90	162.207	
5,600.00	5,542.49	2,408.00	2,400.43	16.56	5.75	177.09	153.61	-124.72	3,164.88	3,145.70	19.18	164.974	
5,700.00	5,642.49	2,408.00	2,400.43	16.80	5.75	177.09	153.61	-124.72	3,264.18	3,244.71	19.47	167.650	
5,800.00	5,742.49	2,408.00	2,400.43	17.05	5.75	177.09	153.61	-124.72	3,363.53	3,343.77	19.76	170.239	
5,900.00	5,842.49	2,408.00	2,400.43	17.30	5.75	177.09	153.61	-124.72	3,462.91	3,442.86	20.05	172.745	
6,000.00	5,942.49	2,408.00	2,400.43	17.55	5.75	177.09	153.61	-124.72	3,562.32	3,541.99	20.34	175.172	
6,100.00	6,042.49	2,408.00	2,400.43	17.80	5.75	177.09	153.61	-124.72	3,661.77	3,641.14	20.63	177.523	
6,200.00	6,142.49	2,408.00	2,400.43	18.06	5.75	177.09	153.61	-124.72	3,761.24	3,740.33	20.92	179.800	
6,300.00	6,242.49	2,408.00	2,400.43	18.32	5.75	177.09	153.61	-124.72	3,860.75	3,839.54	21.21	182.008	
6,400.00	6,342.49	2,408.00	2,400.43	18.58	5.75	177.09	153.61	-124.72	3,960.28	3,938.77	21.51	184.149	
6,500.00	6,442.49	2,408.00	2,400.43	18.84	5.75	177.09	153.61	-124.72	4,059.83	4,038.03	21.80	186.225	
6,600.00	6,542.49	2,408.00	2,400.43	19.10	5.75	177.09	153.61	-124.72	4,159.40	4,137.30	22.10	188.240	
6,700.00	6,642.49	2,408.00	2,400.43	19.37	5.75	177.09	153.61	-124.72	4,258.99	4,236.60	22.39	190.196	
6,800.00	6,742.49	2,408.00	2,400.43	19.63	5.75	177.09	153.61	-124.72	4,358.60	4,335.92	22.69	192.096	
6,900.00	6,842.49	2,408.00	2,400.43	19.90	5.75	177.09	153.61	-124.72	4,458.23	4,435.25	22.99	193.941	
7,000.00	6,942.49	2,408.00	2,400.43	20.17	5.75	177.09	153.61	-124.72	4,557.88	4,534.59	23.29	195.734	
7,100.00	7,042.49	2,408.00	2,400.43	20.44	5.75	177.09	153.61	-124.72	4,657.54	4,633.95	23.59	197.476	
7,200.00	7,142.49	2,408.00	2,400.43	20.71	5.75	177.09	153.61	-124.72	4,757.21	4,733.33	23.89	199.170	
7,300.00	7,242.49	2,408.00	2,400.43	20.98	5.75	177.09	153.61	-124.72	4,856.90	4,832.72	24.19	200.819	
7,400.00	7,342.49	2,408.00	2,400.43	21.26	5.75	177.09	153.61	-124.72	4,956.60	4,932.12	24.49	202.422	
7,500.00	7,442.49	2,408.00	2,400.43	21.53	5.75	177.09	153.61	-124.72	5,056.32	5,031.53	24.79	203.983	
7,600.00	7,542.49	2,408.00	2,400.43	21.81	5.75	177.09	153.61	-124.72	5,156.04	5,130.95	25.09	205.502	
7,700.00	7,642.49	2,408.00	2,400.43	22.09	5.75	177.09	153.61	-124.72	5,255.77	5,230.38	25.39	206.982	
7,800.00	7,742.49	2,408.00	2,400.43	22.37	5.75	177.09	153.61	-124.72	5,355.52	5,329.82	25.70	208.423	
7,900.00	7,842.49	2,408.00	2,400.43	22.65	5.75	177.09	153.61	-124.72	5,455.27	5,429.27	26.00	209.828	

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Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26J3DS - NBU 921-26J3DS - NBU 921-26J3DS

Offset Site Error: 0.00 ft

Survey Program: 144-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
8,000.00	7,942.49	2,408.00	2,400.43	22.93	5.75	177.09	153.61	-124.72	5,555.03	5,528.73	26.30	211.197	
8,100.00	8,042.49	2,408.00	2,400.43	23.21	5.75	177.09	153.61	-124.72	5,654.80	5,628.20	26.61	212.532	
8,200.00	8,142.49	2,408.00	2,400.43	23.49	5.75	177.09	153.61	-124.72	5,754.58	5,727.67	26.91	213.834	
8,300.00	8,242.49	2,408.00	2,400.43	23.78	5.75	177.09	153.61	-124.72	5,854.37	5,827.15	27.22	215.104	
8,400.00	8,342.49	2,408.00	2,400.43	24.06	5.75	177.09	153.61	-124.72	5,954.16	5,926.64	27.52	216.344	
8,500.00	8,442.49	2,408.00	2,400.43	24.35	5.75	177.09	153.61	-124.72	6,053.96	6,026.13	27.83	217.554	
8,600.00	8,542.49	2,408.00	2,400.43	24.63	5.75	177.09	153.61	-124.72	6,153.77	6,125.64	28.13	218.735	
8,700.00	8,642.49	2,408.00	2,400.43	24.92	5.75	177.09	153.61	-124.72	6,253.58	6,225.14	28.44	219.888	
8,800.00	8,742.49	2,408.00	2,400.43	25.21	5.75	177.09	153.61	-124.72	6,353.40	6,324.65	28.75	221.015	
8,900.00	8,842.49	2,408.00	2,400.43	25.50	5.75	177.09	153.61	-124.72	6,453.22	6,424.17	29.05	222.116	
9,000.00	8,942.49	2,408.00	2,400.43	25.78	5.75	177.09	153.61	-124.72	6,553.05	6,523.69	29.36	223.192	
9,100.00	9,042.49	2,408.00	2,400.43	26.07	5.75	177.09	153.61	-124.72	6,652.89	6,623.22	29.67	224.244	
9,200.00	9,142.49	2,408.00	2,400.43	26.36	5.75	177.09	153.61	-124.72	6,752.73	6,722.75	29.98	225.272	
9,300.00	9,242.49	2,408.00	2,400.43	26.66	5.75	177.09	153.61	-124.72	6,852.57	6,822.29	30.28	226.278	
9,400.00	9,342.49	2,408.00	2,400.43	26.95	5.75	177.09	153.61	-124.72	6,952.42	6,921.83	30.59	227.262	
9,500.00	9,442.49	2,408.00	2,400.43	27.24	5.75	177.09	153.61	-124.72	7,052.28	7,021.37	30.90	228.225	
9,600.00	9,542.49	2,408.00	2,400.43	27.53	5.75	177.09	153.61	-124.72	7,152.13	7,120.92	31.21	229.167	
9,700.00	9,642.49	2,408.00	2,400.43	27.83	5.75	177.09	153.61	-124.72	7,251.99	7,220.48	31.52	230.089	
9,800.00	9,742.49	2,408.00	2,400.43	28.12	5.75	177.09	153.61	-124.72	7,351.86	7,320.03	31.83	230.992	
9,900.00	9,842.49	2,408.00	2,400.43	28.41	5.75	177.09	153.61	-124.72	7,451.73	7,419.59	32.14	231.876	
10,000.00	9,942.49	2,408.00	2,400.43	28.71	5.75	177.09	153.61	-124.72	7,551.60	7,519.15	32.45	232.742	
10,100.00	10,042.49	2,408.00	2,400.43	29.00	5.75	177.09	153.61	-124.72	7,651.47	7,618.72	32.76	233.591	
10,200.00	10,142.49	2,408.00	2,400.43	29.30	5.75	177.09	153.61	-124.72	7,751.35	7,718.29	33.07	234.422	
10,300.00	10,242.49	2,408.00	2,400.43	29.60	5.75	177.09	153.61	-124.72	7,851.23	7,817.86	33.38	235.237	
10,400.00	10,342.49	2,408.00	2,400.43	29.89	5.75	177.09	153.61	-124.72	7,951.12	7,917.43	33.69	236.035	
10,500.00	10,442.49	2,408.00	2,400.43	30.19	5.75	177.09	153.61	-124.72	8,051.01	8,017.01	34.00	236.818	
10,600.00	10,542.49	2,408.00	2,400.43	30.49	5.75	177.09	153.61	-124.72	8,150.90	8,116.59	34.31	237.586	
10,700.00	10,642.49	2,408.00	2,400.43	30.79	5.75	177.09	153.61	-124.72	8,250.79	8,216.17	34.62	238.339	
10,797.51	10,740.00	2,408.00	2,400.43	31.08	5.75	177.09	153.61	-124.72	8,348.20	8,313.28	34.92	239.059	

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26J3DS - NBU 921-26J3DS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 144-MWD, 2408-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	-91.04	-0.73	-40.05	40.06				
169.00	169.00	168.69	168.69	0.16	0.19	-52.59	-0.82	-40.72	40.53	40.18	0.35	116.146	
199.00	199.00	198.69	198.69	0.23	0.25	-63.40	-0.87	-40.95	40.68	40.20	0.48	84.845	
228.00	228.00	227.66	227.66	0.29	0.31	-62.78	-0.92	-41.18	40.79	40.19	0.60	67.533	
256.00	256.00	255.64	255.63	0.36	0.37	-79.90	-0.94	-41.42	40.92	40.20	0.72	56.501	
285.00	284.99	284.76	284.75	0.42	0.43	-86.95	-0.81	-41.64	41.07	40.22	0.85	48.450	
313.00	312.97	312.88	312.87	0.49	0.49	-79.25	-0.45	-41.78	41.07	40.10	0.97	42.432	
342.00	341.95	341.98	341.96	0.56	0.55	-78.90	0.13	-41.85	40.87	39.78	1.10	37.320	
371.00	370.90	370.81	370.79	0.63	0.61	-77.09	0.92	-41.97	40.56	39.33	1.23	33.085	
401.00	400.82	400.70	400.65	0.70	0.68	-81.54	2.04	-42.21	40.26	38.90	1.36	29.521	
430.00	429.72	429.48	429.40	0.77	0.75	-82.43	3.47	-42.59	40.10	38.60	1.50	26.718	
451.31	450.94	450.67	450.55	0.82	0.80	-83.89	4.73	-42.99	40.06	38.46	1.60	24.965	CC
461.00	460.59	460.31	460.16	0.85	0.82	-84.52	5.34	-43.20	40.07	38.42	1.65	24.258	
490.00	489.45	489.26	489.03	0.92	0.89	-85.36	7.36	-43.89	40.13	38.34	1.80	22.338	ES
517.00	516.33	515.95	515.63	0.99	0.95	-85.94	9.41	-44.68	40.31	38.38	1.93	20.847	
547.00	546.19	545.76	545.33	1.06	1.02	-88.75	11.76	-45.76	40.76	38.68	2.08	19.596	
578.00	577.04	576.50	575.95	1.14	1.10	-89.68	14.17	-47.04	41.45	39.22	2.23	18.559	
608.00	606.85	606.50	605.83	1.22	1.17	-89.58	16.53	-48.38	42.20	39.80	2.39	17.635	
638.00	636.63	636.54	635.74	1.31	1.24	-88.90	18.92	-49.69	42.82	40.27	2.55	16.774	
668.00	666.35	666.57	665.64	1.40	1.32	-89.42	21.32	-50.96	43.32	40.60	2.72	15.942	
698.00	696.01	696.57	695.52	1.50	1.39	-93.18	23.72	-52.18	43.85	40.96	2.89	15.184	
728.00	725.60	726.35	725.19	1.60	1.46	-94.93	26.08	-53.41	44.51	41.45	3.06	14.535	
758.00	755.10	756.07	754.79	1.71	1.53	-99.74	28.38	-54.70	45.46	42.22	3.24	14.029	
788.00	784.51	785.73	784.33	1.82	1.61	-103.27	30.61	-56.06	46.82	43.40	3.42	13.687	
818.00	813.85	815.39	813.88	1.94	1.68	-107.34	32.81	-57.49	48.56	44.96	3.61	13.470	
848.00	843.14	845.02	843.39	2.07	1.76	-112.81	35.01	-58.99	50.76	46.98	3.79	13.409	
878.00	872.36	874.61	872.85	2.19	1.83	-118.59	37.21	-60.55	53.55	49.59	3.96	13.519	
968.00	959.83	964.27	962.13	2.59	2.07	-128.63	44.22	-64.99	63.49	59.02	4.47	14.215	
1,058.00	1,047.08	1,053.37	1,050.81	3.01	2.30	-133.82	51.87	-69.13	74.41	69.46	4.95	15.031	
1,148.00	1,134.31	1,142.02	1,139.03	3.40	2.54	-138.71	59.47	-73.21	85.86	80.48	5.38	15.953	
1,238.00	1,221.68	1,230.69	1,227.35	3.79	2.76	-142.24	66.55	-76.89	97.66	91.88	5.78	16.894	
1,328.00	1,308.97	1,319.10	1,315.42	4.21	2.98	-146.24	73.33	-80.63	110.43	104.23	6.20	17.802	
1,418.00	1,396.43	1,407.87	1,403.85	4.62	3.20	-148.46	79.93	-84.54	123.15	116.53	6.62	18.599	
1,508.00	1,484.27	1,496.02	1,491.69	4.98	3.43	-152.64	86.17	-88.57	135.11	128.08	7.02	19.234	
1,598.00	1,572.12	1,585.66	1,581.01	5.36	3.66	-151.88	92.33	-93.03	147.43	139.97	7.46	19.764	
1,688.00	1,659.75	1,675.13	1,670.15	5.77	3.88	-150.20	98.91	-97.00	159.76	151.87	7.89	20.238	
1,778.00	1,747.24	1,764.22	1,758.93	6.20	4.11	-152.15	105.37	-100.63	172.54	164.22	8.32	20.747	
1,868.00	1,834.80	1,854.66	1,849.02	6.60	4.34	-157.49	112.37	-104.12	185.04	176.31	8.73	21.197	
1,958.00	1,922.45	1,944.04	1,938.06	6.99	4.57	-161.40	119.71	-106.92	197.25	188.12	9.13	21.602	
2,048.00	2,009.98	2,032.56	2,026.24	7.41	4.80	-162.00	126.93	-109.84	210.21	200.65	9.56	22.000	
2,138.00	2,097.47	2,119.68	2,113.04	7.81	5.03	-163.57	133.61	-113.02	223.85	213.87	9.98	22.428	
2,228.00	2,185.32	2,208.39	2,201.45	8.19	5.25	-161.20	139.89	-116.72	236.50	226.08	10.42	22.691	
2,318.00	2,273.45	2,297.35	2,290.12	8.55	5.48	-159.86	146.14	-120.36	247.67	236.82	10.85	22.836	
2,408.00	2,361.49	2,385.76	2,378.26	8.93	5.70	-162.03	152.14	-123.81	259.50	248.24	11.26	23.042	
2,437.00	2,389.80	2,414.24	2,406.64	9.06	5.77	-161.82	154.01	-124.98	263.64	252.24	11.40	23.124	
2,500.00	2,451.28	2,476.55	2,468.77	9.34	5.93	-162.14	158.10	-127.57	272.79	261.07	11.71	23.287	
2,542.20	2,492.45	2,519.67	2,511.76	9.53	6.04	-162.35	160.94	-129.37	278.90	266.97	11.93	23.380	
2,565.99	2,515.65	2,547.29	2,539.27	9.64	6.11	-164.50	163.09	-130.51	282.21	270.16	12.05	23.424	
2,586.42	2,535.53	2,568.11	2,560.00	9.74	6.17	-164.57	164.89	-131.37	284.98	272.82	12.15	23.445	
2,600.00	2,548.76	2,581.57	2,573.39	9.80	6.20	-164.63	166.06	-131.93	286.79	274.56	12.23	23.456	
2,700.00	2,646.55	2,680.87	2,672.24	10.22	6.49	-164.91	174.70	-136.02	298.48	285.73	12.75	23.406	
2,800.00	2,744.93	2,774.91	2,765.90	10.60	6.75	-165.07	182.27	-139.62	307.90	294.64	13.26	23.224	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26J3DS - NBU 921-26J3DS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 144-MWD, 2408-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
2,900.00	2,843.81	2,866.67	2,857.48	10.94	6.98	-165.29	187.42	-142.06	316.78	303.05	13.73	23.072	
3,000.00	2,943.10	2,958.24	2,948.99	11.25	7.19	-165.57	190.24	-143.40	325.22	311.04	14.17	22.945	
3,100.00	3,042.71	3,051.96	3,042.71	11.52	7.40	-165.91	190.84	-143.69	333.13	318.53	14.60	22.819	
3,200.00	3,142.53	3,151.79	3,142.53	11.74	7.61	-166.17	190.84	-143.69	338.74	323.71	15.03	22.544	
3,300.00	3,242.49	3,251.75	3,242.49	11.93	7.83	-166.29	190.84	-143.69	341.39	325.95	15.45	22.101	
3,339.51	3,282.00	3,291.26	3,282.00	11.99	7.92	179.95	190.84	-143.69	341.63	326.02	15.61	21.884	
3,400.00	3,342.49	3,351.75	3,342.49	12.08	8.06	179.95	190.84	-143.69	341.63	325.74	15.89	21.500	
3,500.00	3,442.49	3,451.75	3,442.49	12.23	8.29	179.95	190.84	-143.69	341.63	325.27	16.36	20.888	
3,600.00	3,542.49	3,551.75	3,542.49	12.39	8.53	179.95	190.84	-143.69	341.63	324.79	16.83	20.296	
3,700.00	3,642.49	3,651.75	3,642.49	12.56	8.78	179.95	190.84	-143.69	341.63	324.31	17.32	19.726	
3,800.00	3,742.49	3,751.75	3,742.49	12.73	9.02	179.95	190.84	-143.69	341.63	323.81	17.81	19.177	
3,900.00	3,842.49	3,851.75	3,842.49	12.90	9.28	179.95	190.84	-143.69	341.63	323.31	18.32	18.648	
4,000.00	3,942.49	3,951.75	3,942.49	13.08	9.53	179.95	190.84	-143.69	341.63	322.79	18.83	18.141	
4,100.00	4,042.49	4,051.75	4,042.49	13.27	9.79	179.95	190.84	-143.69	341.63	322.27	19.35	17.654	
4,200.00	4,142.49	4,151.75	4,142.49	13.46	10.06	179.95	190.84	-143.69	341.63	321.75	19.88	17.186	
4,300.00	4,242.49	4,251.75	4,242.49	13.66	10.32	179.95	190.84	-143.69	341.63	321.22	20.41	16.738	
4,400.00	4,342.49	4,351.75	4,342.49	13.86	10.59	179.95	190.84	-143.69	341.63	320.68	20.95	16.308	
4,500.00	4,442.49	4,451.75	4,442.49	14.07	10.87	179.95	190.84	-143.69	341.63	320.13	21.49	15.896	
4,600.00	4,542.49	4,551.75	4,542.49	14.27	11.14	179.95	190.84	-143.69	341.63	319.59	22.04	15.500	
4,700.00	4,642.49	4,651.75	4,642.49	14.49	11.42	179.95	190.84	-143.69	341.63	319.03	22.59	15.121	
4,800.00	4,742.49	4,751.75	4,742.49	14.70	11.70	179.95	190.84	-143.69	341.63	318.48	23.15	14.757	
4,900.00	4,842.49	4,851.75	4,842.49	14.93	11.98	179.95	190.84	-143.69	341.63	317.92	23.71	14.408	
5,000.00	4,942.49	4,951.75	4,942.49	15.15	12.26	179.95	190.84	-143.69	341.63	317.35	24.28	14.073	
5,100.00	5,042.49	5,051.75	5,042.49	15.38	12.54	179.95	190.84	-143.69	341.63	316.78	24.84	13.751	
5,200.00	5,142.49	5,151.75	5,142.49	15.61	12.83	179.95	190.84	-143.69	341.63	316.21	25.41	13.442	
5,300.00	5,242.49	5,251.75	5,242.49	15.84	13.12	179.95	190.84	-143.69	341.63	315.64	25.99	13.145	
5,400.00	5,342.49	5,351.75	5,342.49	16.08	13.41	179.95	190.84	-143.69	341.63	315.06	26.57	12.860	
5,500.00	5,442.49	5,451.75	5,442.49	16.32	13.70	179.95	190.84	-143.69	341.63	314.48	27.15	12.585	
5,600.00	5,542.49	5,551.75	5,542.49	16.56	13.99	179.95	190.84	-143.69	341.63	313.90	27.73	12.321	
5,700.00	5,642.49	5,651.75	5,642.49	16.80	14.28	179.95	190.84	-143.69	341.63	313.31	28.31	12.067	
5,800.00	5,742.49	5,751.75	5,742.49	17.05	14.57	179.95	190.84	-143.69	341.63	312.73	28.90	11.822	
5,900.00	5,842.49	5,851.75	5,842.49	17.30	14.87	179.95	190.84	-143.69	341.63	312.14	29.49	11.586	
6,000.00	5,942.49	5,951.75	5,942.49	17.55	15.16	179.95	190.84	-143.69	341.63	311.55	30.08	11.358	
6,100.00	6,042.49	6,051.75	6,042.49	17.80	15.46	179.95	190.84	-143.69	341.63	310.96	30.67	11.139	
6,200.00	6,142.49	6,151.75	6,142.49	18.06	15.76	179.95	190.84	-143.69	341.63	310.36	31.26	10.927	
6,300.00	6,242.49	6,251.75	6,242.49	18.32	16.05	179.95	190.84	-143.69	341.63	309.77	31.86	10.723	
6,400.00	6,342.49	6,351.75	6,342.49	18.58	16.35	179.95	190.84	-143.69	341.63	309.17	32.46	10.526	
6,500.00	6,442.49	6,451.75	6,442.49	18.84	16.65	179.95	190.84	-143.69	341.63	308.57	33.05	10.335	
6,600.00	6,542.49	6,551.75	6,542.49	19.10	16.95	179.95	190.84	-143.69	341.63	307.97	33.65	10.151	
6,700.00	6,642.49	6,651.75	6,642.49	19.37	17.25	179.95	190.84	-143.69	341.63	307.37	34.25	9.973	
6,800.00	6,742.49	6,751.75	6,742.49	19.63	17.55	179.95	190.84	-143.69	341.63	306.77	34.86	9.801	
6,900.00	6,842.49	6,851.75	6,842.49	19.90	17.86	179.95	190.84	-143.69	341.63	306.17	35.46	9.634	
7,000.00	6,942.49	6,951.75	6,942.49	20.17	18.16	179.95	190.84	-143.69	341.63	305.56	36.07	9.472	
7,100.00	7,042.49	7,051.75	7,042.49	20.44	18.46	179.95	190.84	-143.69	341.63	304.96	36.67	9.316	
7,200.00	7,142.49	7,151.75	7,142.49	20.71	18.76	179.95	190.84	-143.69	341.63	304.35	37.28	9.164	
7,300.00	7,242.49	7,251.75	7,242.49	20.98	19.07	179.95	190.84	-143.69	341.63	303.74	37.89	9.017	
7,400.00	7,342.49	7,351.75	7,342.49	21.26	19.37	179.95	190.84	-143.69	341.63	303.13	38.49	8.875	
7,500.00	7,442.49	7,451.75	7,442.49	21.53	19.68	179.95	190.84	-143.69	341.63	302.52	39.10	8.737	
7,600.00	7,542.49	7,551.75	7,542.49	21.81	19.98	179.95	190.84	-143.69	341.63	301.91	39.71	8.602	
7,700.00	7,642.49	7,651.75	7,642.49	22.09	20.29	179.95	190.84	-143.69	341.63	301.30	40.32	8.472	
7,800.00	7,742.49	7,751.75	7,742.49	22.37	20.59	179.95	190.84	-143.69	341.63	300.69	40.94	8.345	
7,900.00	7,842.49	7,851.75	7,842.49	22.65	20.90	179.95	190.84	-143.69	341.63	300.08	41.55	8.222	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26J3DS - NBU 921-26J3DS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 144-MWD, 2408-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
8,000.00	7,942.49	7,951.75	7,942.49	22.93	21.21	179.95	190.84	-143.69	341.63	299.47	42.16	8.103	
8,100.00	8,042.49	8,051.75	8,042.49	23.21	21.51	179.95	190.84	-143.69	341.63	298.85	42.78	7.987	
8,200.00	8,142.49	8,151.75	8,142.49	23.49	21.82	179.95	190.84	-143.69	341.63	298.24	43.39	7.873	
8,300.00	8,242.49	8,251.75	8,242.49	23.78	22.13	179.95	190.84	-143.69	341.63	297.62	44.00	7.763	
8,400.00	8,342.49	8,351.75	8,342.49	24.06	22.44	179.95	190.84	-143.69	341.63	297.01	44.62	7.656	
8,500.00	8,442.49	8,451.75	8,442.49	24.35	22.74	179.95	190.84	-143.69	341.63	296.39	45.24	7.552	
8,600.00	8,542.49	8,551.75	8,542.49	24.63	23.05	179.95	190.84	-143.69	341.63	295.77	45.85	7.450	
8,700.00	8,642.49	8,651.75	8,642.49	24.92	23.36	179.95	190.84	-143.69	341.63	295.16	46.47	7.352	
8,800.00	8,742.49	8,751.75	8,742.49	25.21	23.67	179.95	190.84	-143.69	341.63	294.54	47.09	7.255	
8,900.00	8,842.49	8,851.75	8,842.49	25.50	23.98	179.95	190.84	-143.69	341.63	293.92	47.71	7.161	
9,000.00	8,942.49	8,951.75	8,942.49	25.78	24.29	179.95	190.84	-143.69	341.63	293.30	48.32	7.069	
9,100.00	9,042.49	9,051.75	9,042.49	26.07	24.60	179.95	190.84	-143.69	341.63	292.68	48.94	6.980	
9,200.00	9,142.49	9,151.75	9,142.49	26.36	24.91	179.95	190.84	-143.69	341.63	292.06	49.56	6.893	
9,300.00	9,242.49	9,251.75	9,242.49	26.66	25.22	179.95	190.84	-143.69	341.63	291.44	50.18	6.808	
9,400.00	9,342.49	9,351.75	9,342.49	26.95	25.53	179.95	190.84	-143.69	341.63	290.82	50.80	6.724	
9,500.00	9,442.49	9,451.75	9,442.49	27.24	25.84	179.95	190.84	-143.69	341.63	290.20	51.42	6.643	
9,600.00	9,542.49	9,551.75	9,542.49	27.53	26.15	179.95	190.84	-143.69	341.63	289.58	52.05	6.564	
9,700.00	9,642.49	9,651.75	9,642.49	27.83	26.46	179.95	190.84	-143.69	341.63	288.96	52.67	6.487	
9,800.00	9,742.49	9,751.75	9,742.49	28.12	26.77	179.95	190.84	-143.69	341.63	288.34	53.29	6.411	SF
9,900.00	9,842.49	9,774.26	9,765.00	28.41	26.84	179.95	190.84	-143.69	350.31	296.64	53.67	6.527	
10,000.00	9,942.49	9,774.26	9,765.00	28.71	26.84	179.95	190.84	-143.69	384.98	331.01	53.98	7.132	
10,100.00	10,042.49	9,774.26	9,765.00	29.00	26.84	179.95	190.84	-143.69	440.13	385.84	54.29	8.108	
10,200.00	10,142.49	9,774.26	9,765.00	29.30	26.84	179.95	190.84	-143.69	509.13	454.53	54.60	9.325	
10,300.00	10,242.49	9,774.26	9,765.00	29.60	26.84	179.95	190.84	-143.69	587.12	532.21	54.91	10.693	
10,400.00	10,342.49	9,774.26	9,765.00	29.89	26.84	179.95	190.84	-143.69	670.97	615.76	55.22	12.152	
10,500.00	10,442.49	9,774.26	9,765.00	30.19	26.84	179.95	190.84	-143.69	758.75	703.23	55.53	13.665	
10,600.00	10,542.49	9,774.26	9,765.00	30.49	26.84	179.95	190.84	-143.69	849.24	793.40	55.84	15.210	
10,700.00	10,642.49	9,774.26	9,765.00	30.79	26.84	179.95	190.84	-143.69	941.65	885.50	56.15	16.771	
10,797.51	10,740.00	9,774.26	9,765.00	31.08	26.84	179.95	190.84	-143.69	1,033.12	976.67	56.45	18.302	

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O1BS - NBU 921-26O1BS - NBU 921-26O1BS

Offset Site Error: 0.00 ft

Survey Program: 139-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	-90.00	0.00	-10.08	10.08				
169.00	169.00	168.92	168.92	0.16	0.19	-50.84	0.30	-10.83	10.62	10.27	0.35	30.073	
199.00	199.00	198.90	198.90	0.23	0.26	-61.77	0.37	-11.08	10.79	10.30	0.49	22.222	
228.00	228.00	227.90	227.90	0.29	0.32	-61.54	0.44	-11.35	10.93	10.32	0.61	17.886	
256.00	256.00	255.90	255.89	0.36	0.38	-79.48	0.54	-11.61	11.08	10.35	0.73	15.178	
285.00	284.99	284.88	284.87	0.42	0.44	-88.94	0.56	-11.89	11.30	10.44	0.85	13.231	
313.00	312.97	312.83	312.82	0.49	0.50	-85.16	0.48	-12.21	11.57	10.59	0.98	11.839	
342.00	341.95	341.74	341.73	0.56	0.56	-90.52	0.23	-12.61	11.98	10.87	1.11	10.810	
371.00	370.90	370.56	370.54	0.63	0.62	-96.72	-0.33	-13.10	12.74	11.50	1.24	10.260	SF
401.00	400.82	400.28	400.24	0.70	0.69	-110.65	-1.26	-13.73	14.31	12.92	1.39	10.291	
430.00	429.72	428.86	428.78	0.77	0.76	-119.84	-2.51	-14.47	16.76	15.22	1.54	10.896	
461.00	460.59	459.30	459.15	0.85	0.83	-128.95	-4.23	-15.41	20.34	18.65	1.70	11.980	
490.00	489.45	487.70	487.47	0.92	0.90	-134.62	-6.16	-16.39	24.41	22.56	1.84	13.245	
517.00	516.33	514.18	513.86	0.99	0.97	-138.55	-8.15	-17.39	28.57	26.60	1.97	14.480	
547.00	546.19	543.62	543.18	1.06	1.04	-143.99	-10.47	-18.57	33.45	31.34	2.11	15.885	
578.00	577.04	573.96	573.39	1.14	1.12	-146.59	-12.98	-19.83	38.84	36.59	2.25	17.273	
608.00	606.85	603.49	602.79	1.22	1.19	-147.50	-15.47	-21.01	44.42	42.04	2.38	18.629	
638.00	636.63	632.80	631.97	1.31	1.26	-147.25	-17.93	-22.17	50.22	47.70	2.52	19.921	
668.00	666.35	661.98	661.02	1.40	1.33	-147.55	-20.42	-23.42	56.40	53.74	2.66	21.192	
698.00	696.01	691.03	689.93	1.50	1.40	-150.34	-22.95	-24.75	63.10	60.30	2.81	22.493	
728.00	725.60	720.24	719.00	1.60	1.47	-150.36	-25.51	-26.16	70.28	67.33	2.95	23.839	
758.00	755.10	749.48	748.10	1.71	1.55	-152.93	-27.97	-27.56	77.81	74.72	3.09	25.155	
788.00	784.51	778.65	777.14	1.82	1.62	-153.66	-30.33	-28.96	85.69	82.45	3.24	26.467	
818.00	813.85	807.53	805.90	1.94	1.69	-154.70	-32.60	-30.35	93.83	90.45	3.38	27.765	
848.00	843.14	836.22	834.46	2.07	1.76	-157.18	-34.87	-31.72	102.28	98.76	3.52	29.057	
878.00	872.36	864.80	862.92	2.19	1.84	-160.07	-37.15	-33.09	111.09	107.43	3.66	30.361	
968.00	959.83	949.59	947.32	2.59	2.07	-162.15	-44.16	-37.24	138.78	134.70	4.09	33.944	
1,058.00	1,047.08	1,035.97	1,033.28	3.01	2.29	-161.08	-51.42	-41.50	167.44	162.92	4.52	37.033	
1,148.00	1,134.31	1,121.86	1,118.84	3.40	2.50	-161.39	-58.05	-45.29	195.39	190.47	4.93	39.672	
1,238.00	1,221.68	1,207.18	1,203.82	3.79	2.72	-161.16	-64.68	-48.84	222.85	217.52	5.33	41.796	
1,328.00	1,308.97	1,292.42	1,288.71	4.21	2.95	-162.13	-71.45	-52.54	250.74	244.97	5.77	43.480	
1,418.00	1,396.43	1,378.22	1,374.13	4.62	3.17	-161.94	-78.29	-56.98	278.00	271.80	6.21	44.795	
1,508.00	1,484.27	1,464.54	1,460.06	4.98	3.40	-164.61	-85.12	-61.47	303.76	297.14	6.62	45.900	
1,598.00	1,572.12	1,551.97	1,547.10	5.36	3.62	-162.51	-91.96	-66.13	329.43	322.39	7.04	46.766	
1,688.00	1,659.75	1,638.83	1,633.66	5.77	3.84	-159.45	-98.31	-69.36	355.29	347.80	7.48	47.472	
1,778.00	1,747.24	1,724.38	1,718.93	6.20	4.05	-160.16	-104.70	-71.98	381.67	373.75	7.92	48.207	
1,868.00	1,834.80	1,810.03	1,804.31	6.60	4.26	-164.69	-111.04	-74.50	407.99	399.64	8.34	48.912	
1,958.00	1,922.45	1,894.27	1,888.24	6.99	4.48	-167.84	-117.61	-77.31	434.59	425.84	8.75	49.668	
2,048.00	2,009.98	1,980.47	1,974.10	7.41	4.71	-167.68	-124.50	-80.62	461.93	452.75	9.18	50.309	
2,138.00	2,097.47	2,068.95	2,062.25	7.81	4.93	-168.67	-131.18	-84.54	489.05	479.43	9.62	50.834	
2,228.00	2,185.32	2,155.68	2,148.67	8.19	5.15	-165.85	-137.50	-88.11	514.44	504.37	10.07	51.097	
2,318.00	2,273.45	2,242.45	2,235.16	8.55	5.36	-164.08	-143.70	-91.52	538.23	527.74	10.49	51.311	
2,408.00	2,361.49	2,324.14	2,316.53	8.93	5.58	-165.85	-150.00	-94.96	562.97	552.07	10.90	51.651	
2,437.00	2,389.80	2,352.38	2,344.65	9.06	5.65	-165.49	-152.29	-96.21	571.29	560.25	11.04	51.749	
2,500.00	2,451.28	2,408.00	2,400.03	9.34	5.80	-165.53	-156.72	-98.74	589.45	578.11	11.34	51.969	
2,542.20	2,492.45	2,408.00	2,400.03	9.53	5.80	-165.53	-156.72	-98.74	603.30	591.84	11.46	52.622	
2,565.99	2,515.65	2,408.00	2,400.03	9.64	5.80	-167.65	-156.72	-98.74	612.38	600.87	11.52	53.169	
2,586.42	2,535.53	2,408.00	2,400.03	9.74	5.80	-167.65	-156.72	-98.74	620.90	609.32	11.58	53.628	
2,600.00	2,548.76	2,408.00	2,400.03	9.80	5.80	-167.68	-156.72	-98.74	626.84	615.22	11.62	53.939	
2,700.00	2,646.55	2,408.00	2,400.03	10.22	5.80	-167.89	-156.72	-98.74	676.00	664.08	11.92	56.710	
2,800.00	2,744.93	2,408.00	2,400.03	10.60	5.80	-168.14	-156.72	-98.74	733.22	721.02	12.21	60.072	
2,900.00	2,843.81	2,408.00	2,400.03	10.94	5.80	-168.43	-156.72	-98.74	796.72	784.25	12.47	63.866	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

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Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O1BS - NBU 921-26O1BS - NBU 921-26O1BS

Offset Site Error: 0.00 ft

Survey Program: 139-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
3,000.00	2,943.10	2,408.00	2,400.03	11.25	5.80	-168.76	-156.72	-98.74	865.06	852.34	12.73	67.974	
3,100.00	3,042.71	2,408.00	2,400.03	11.52	5.80	-169.11	-156.72	-98.74	937.14	924.18	12.96	72.312	
3,200.00	3,142.53	2,408.00	2,400.03	11.74	5.80	-169.47	-156.72	-98.74	1,012.08	998.91	13.17	76.824	
3,300.00	3,242.49	2,408.00	2,400.03	11.93	5.80	-169.86	-156.72	-98.74	1,089.24	1,075.87	13.37	81.469	
3,339.51	3,282.00	2,408.00	2,400.03	11.99	5.80	176.25	-156.72	-98.74	1,120.22	1,106.78	13.44	83.334	
3,400.00	3,342.49	2,408.00	2,400.03	12.08	5.80	176.25	-156.72	-98.74	1,168.44	1,154.87	13.57	86.087	
3,500.00	3,442.49	2,408.00	2,400.03	12.23	5.80	176.25	-156.72	-98.74	1,250.50	1,236.71	13.79	90.680	
3,600.00	3,542.49	2,408.00	2,400.03	12.39	5.80	176.25	-156.72	-98.74	1,335.01	1,320.99	14.01	95.263	
3,700.00	3,642.49	2,408.00	2,400.03	12.56	5.80	176.25	-156.72	-98.74	1,421.53	1,407.28	14.24	99.804	
3,800.00	3,742.49	2,408.00	2,400.03	12.73	5.80	176.25	-156.72	-98.74	1,509.71	1,495.23	14.48	104.278	
3,900.00	3,842.49	2,408.00	2,400.03	12.90	5.80	176.25	-156.72	-98.74	1,599.29	1,584.57	14.72	108.668	
4,000.00	3,942.49	2,408.00	2,400.03	13.08	5.80	176.25	-156.72	-98.74	1,690.03	1,675.07	14.96	112.962	
4,100.00	4,042.49	2,408.00	2,400.03	13.27	5.80	176.25	-156.72	-98.74	1,781.77	1,766.56	15.21	117.151	
4,200.00	4,142.49	2,408.00	2,400.03	13.46	5.80	176.25	-156.72	-98.74	1,874.35	1,858.89	15.46	121.229	
4,300.00	4,242.49	2,408.00	2,400.03	13.66	5.80	176.25	-156.72	-98.74	1,967.66	1,951.94	15.72	125.194	
4,400.00	4,342.49	2,408.00	2,400.03	13.86	5.80	176.25	-156.72	-98.74	2,061.60	2,045.62	15.98	129.045	
4,500.00	4,442.49	2,408.00	2,400.03	14.07	5.80	176.25	-156.72	-98.74	2,156.08	2,139.84	16.24	132.781	
4,600.00	4,542.49	2,408.00	2,400.03	14.27	5.80	176.25	-156.72	-98.74	2,251.04	2,234.53	16.50	136.404	
4,700.00	4,642.49	2,408.00	2,400.03	14.49	5.80	176.25	-156.72	-98.74	2,346.41	2,329.64	16.77	139.915	
4,800.00	4,742.49	2,408.00	2,400.03	14.70	5.80	176.25	-156.72	-98.74	2,442.16	2,425.12	17.04	143.316	
4,900.00	4,842.49	2,408.00	2,400.03	14.93	5.80	176.25	-156.72	-98.74	2,538.24	2,520.92	17.31	146.610	
5,000.00	4,942.49	2,408.00	2,400.03	15.15	5.80	176.25	-156.72	-98.74	2,634.60	2,617.02	17.59	149.800	
5,100.00	5,042.49	2,408.00	2,400.03	15.38	5.80	176.25	-156.72	-98.74	2,731.23	2,713.37	17.86	152.889	
5,200.00	5,142.49	2,408.00	2,400.03	15.61	5.80	176.25	-156.72	-98.74	2,828.10	2,809.95	18.14	155.881	
5,300.00	5,242.49	2,408.00	2,400.03	15.84	5.80	176.25	-156.72	-98.74	2,925.17	2,906.75	18.42	158.778	
5,400.00	5,342.49	2,408.00	2,400.03	16.08	5.80	176.25	-156.72	-98.74	3,022.43	3,003.73	18.71	161.584	
5,500.00	5,442.49	2,408.00	2,400.03	16.32	5.80	176.25	-156.72	-98.74	3,119.87	3,100.88	18.99	164.302	
5,600.00	5,542.49	2,408.00	2,400.03	16.56	5.80	176.25	-156.72	-98.74	3,217.47	3,198.19	19.27	166.936	
5,700.00	5,642.49	2,408.00	2,400.03	16.80	5.80	176.25	-156.72	-98.74	3,315.20	3,295.64	19.56	169.488	
5,800.00	5,742.49	2,408.00	2,400.03	17.05	5.80	176.25	-156.72	-98.74	3,413.07	3,393.23	19.85	171.962	
5,900.00	5,842.49	2,408.00	2,400.03	17.30	5.80	176.25	-156.72	-98.74	3,511.06	3,490.93	20.14	174.361	
6,000.00	5,942.49	2,408.00	2,400.03	17.55	5.80	176.25	-156.72	-98.74	3,609.16	3,588.74	20.43	176.687	
6,100.00	6,042.49	2,408.00	2,400.03	17.80	5.80	176.25	-156.72	-98.74	3,707.36	3,686.65	20.72	178.943	
6,200.00	6,142.49	2,408.00	2,400.03	18.06	5.80	176.25	-156.72	-98.74	3,805.66	3,784.65	21.01	181.132	
6,300.00	6,242.49	2,408.00	2,400.03	18.32	5.80	176.25	-156.72	-98.74	3,904.04	3,882.74	21.30	183.257	
6,400.00	6,342.49	2,408.00	2,400.03	18.58	5.80	176.25	-156.72	-98.74	4,002.50	3,980.91	21.60	185.320	
6,500.00	6,442.49	2,408.00	2,400.03	18.84	5.80	176.25	-156.72	-98.74	4,101.04	4,079.15	21.89	187.324	
6,600.00	6,542.49	2,408.00	2,400.03	19.10	5.80	176.25	-156.72	-98.74	4,199.64	4,177.46	22.19	189.270	
6,700.00	6,642.49	2,408.00	2,400.03	19.37	5.80	176.25	-156.72	-98.74	4,298.31	4,275.83	22.49	191.162	
6,800.00	6,742.49	2,408.00	2,400.03	19.63	5.80	176.25	-156.72	-98.74	4,397.04	4,374.26	22.78	193.000	
6,900.00	6,842.49	2,408.00	2,400.03	19.90	5.80	176.25	-156.72	-98.74	4,495.83	4,472.75	23.08	194.787	
7,000.00	6,942.49	2,408.00	2,400.03	20.17	5.80	176.25	-156.72	-98.74	4,594.67	4,571.29	23.38	196.526	
7,100.00	7,042.49	2,408.00	2,400.03	20.44	5.80	176.25	-156.72	-98.74	4,693.56	4,669.88	23.68	198.217	
7,200.00	7,142.49	2,408.00	2,400.03	20.71	5.80	176.25	-156.72	-98.74	4,792.49	4,768.51	23.98	199.863	
7,300.00	7,242.49	2,408.00	2,400.03	20.98	5.80	176.25	-156.72	-98.74	4,891.47	4,867.19	24.28	201.465	
7,400.00	7,342.49	2,408.00	2,400.03	21.26	5.80	176.25	-156.72	-98.74	4,990.49	4,965.91	24.58	203.025	
7,500.00	7,442.49	2,408.00	2,400.03	21.53	5.80	176.25	-156.72	-98.74	5,089.54	5,064.66	24.88	204.545	
7,600.00	7,542.49	2,408.00	2,400.03	21.81	5.80	176.25	-156.72	-98.74	5,188.64	5,163.45	25.18	206.025	
7,700.00	7,642.49	2,408.00	2,400.03	22.09	5.80	176.25	-156.72	-98.74	5,287.76	5,262.28	25.49	207.468	
7,800.00	7,742.49	2,408.00	2,400.03	22.37	5.80	176.25	-156.72	-98.74	5,386.92	5,361.13	25.79	208.875	
7,900.00	7,842.49	2,408.00	2,400.03	22.65	5.80	176.25	-156.72	-98.74	5,486.11	5,460.02	26.09	210.246	
8,000.00	7,942.49	2,408.00	2,400.03	22.93	5.80	176.25	-156.72	-98.74	5,585.33	5,558.93	26.40	211.583	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O1BS - NBU 921-26O1BS - NBU 921-26O1BS

Offset Site Error: 0.00 ft

Survey Program: 139-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
8,100.00	8,042.49	2,408.00	2,400.03	23.21	5.80	176.25	-156.72	-98.74	5,684.58	5,657.87	26.70	212.888	
8,200.00	8,142.49	2,408.00	2,400.03	23.49	5.80	176.25	-156.72	-98.74	5,783.85	5,756.84	27.01	214.162	
8,300.00	8,242.49	2,408.00	2,400.03	23.78	5.80	176.25	-156.72	-98.74	5,883.14	5,855.83	27.31	215.405	
8,400.00	8,342.49	2,408.00	2,400.03	24.06	5.80	176.25	-156.72	-98.74	5,982.46	5,954.85	27.62	216.618	
8,500.00	8,442.49	2,408.00	2,400.03	24.35	5.80	176.25	-156.72	-98.74	6,081.81	6,053.88	27.92	217.804	
8,600.00	8,542.49	2,408.00	2,400.03	24.63	5.80	176.25	-156.72	-98.74	6,181.17	6,152.94	28.23	218.961	
8,700.00	8,642.49	2,408.00	2,400.03	24.92	5.80	176.25	-156.72	-98.74	6,280.55	6,252.02	28.54	220.092	
8,800.00	8,742.49	2,408.00	2,400.03	25.21	5.80	176.25	-156.72	-98.74	6,379.96	6,351.11	28.84	221.198	
8,900.00	8,842.49	2,408.00	2,400.03	25.50	5.80	176.25	-156.72	-98.74	6,479.38	6,450.23	29.15	222.278	
9,000.00	8,942.49	2,408.00	2,400.03	25.78	5.80	176.25	-156.72	-98.74	6,578.82	6,549.36	29.46	223.335	
9,100.00	9,042.49	2,408.00	2,400.03	26.07	5.80	176.25	-156.72	-98.74	6,678.27	6,648.51	29.76	224.368	
9,200.00	9,142.49	2,408.00	2,400.03	26.36	5.80	176.25	-156.72	-98.74	6,777.74	6,747.67	30.07	225.379	
9,300.00	9,242.49	2,408.00	2,400.03	26.66	5.80	176.25	-156.72	-98.74	6,877.23	6,846.85	30.38	226.368	
9,400.00	9,342.49	2,408.00	2,400.03	26.95	5.80	176.25	-156.72	-98.74	6,976.73	6,946.04	30.69	227.336	
9,500.00	9,442.49	2,408.00	2,400.03	27.24	5.80	176.25	-156.72	-98.74	7,076.25	7,045.25	31.00	228.283	
9,600.00	9,542.49	2,408.00	2,400.03	27.53	5.80	176.25	-156.72	-98.74	7,175.78	7,144.47	31.31	229.210	
9,700.00	9,642.49	2,408.00	2,400.03	27.83	5.80	176.25	-156.72	-98.74	7,275.32	7,243.70	31.62	230.118	
9,800.00	9,742.49	2,408.00	2,400.03	28.12	5.80	176.25	-156.72	-98.74	7,374.87	7,342.95	31.92	231.008	
9,900.00	9,842.49	2,408.00	2,400.03	28.41	5.80	176.25	-156.72	-98.74	7,474.44	7,442.21	32.23	231.879	
10,000.00	9,942.49	2,408.00	2,400.03	28.71	5.80	176.25	-156.72	-98.74	7,574.02	7,541.47	32.54	232.732	
10,100.00	10,042.49	2,408.00	2,400.03	29.00	5.80	176.25	-156.72	-98.74	7,673.61	7,640.75	32.85	233.569	
10,200.00	10,142.49	2,408.00	2,400.03	29.30	5.80	176.25	-156.72	-98.74	7,773.21	7,740.04	33.16	234.389	
10,300.00	10,242.49	2,408.00	2,400.03	29.60	5.80	176.25	-156.72	-98.74	7,872.82	7,839.34	33.47	235.193	
10,400.00	10,342.49	2,408.00	2,400.03	29.89	5.80	176.25	-156.72	-98.74	7,972.43	7,938.65	33.78	235.981	
10,500.00	10,442.49	2,408.00	2,400.03	30.19	5.80	176.25	-156.72	-98.74	8,072.06	8,037.97	34.09	236.754	
10,600.00	10,542.49	2,408.00	2,400.03	30.49	5.80	176.25	-156.72	-98.74	8,171.70	8,137.30	34.41	237.512	
10,700.00	10,642.49	2,408.00	2,400.03	30.79	5.80	176.25	-156.72	-98.74	8,271.35	8,236.63	34.72	238.256	
10,797.51	10,740.00	2,408.00	2,400.03	31.08	5.80	176.25	-156.72	-98.74	8,368.52	8,333.50	35.02	238.968	

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O1BS - NBU 921-26O1BS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 139-MWD, 2408-

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	-90.00	0.00	-10.08	10.08				
169.00	169.00	168.92	168.92	0.16	0.19	-50.84	0.30	-10.83	10.62	10.27	0.35	30.073	
199.00	199.00	198.90	198.90	0.23	0.26	-61.77	0.37	-11.08	10.79	10.30	0.49	22.222	
228.00	228.00	227.90	227.90	0.29	0.32	-61.54	0.44	-11.35	10.93	10.32	0.61	17.886	
256.00	256.00	255.90	255.89	0.36	0.38	-79.48	0.54	-11.61	11.08	10.35	0.73	15.178	
285.00	284.99	284.88	284.87	0.42	0.44	-88.94	0.56	-11.89	11.30	10.44	0.85	13.231	
313.00	312.97	312.83	312.82	0.49	0.50	-85.16	0.48	-12.21	11.57	10.59	0.98	11.839	
342.00	341.95	341.74	341.73	0.56	0.56	-90.52	0.23	-12.61	11.98	10.87	1.11	10.810	
371.00	370.90	370.56	370.54	0.63	0.62	-96.72	-0.33	-13.10	12.74	11.50	1.24	10.260	SF
401.00	400.82	400.28	400.24	0.70	0.69	-110.65	-1.26	-13.73	14.31	12.92	1.39	10.291	
430.00	429.72	428.86	428.78	0.77	0.76	-119.84	-2.51	-14.47	16.76	15.22	1.54	10.896	
461.00	460.59	459.30	459.15	0.85	0.83	-128.95	-4.23	-15.41	20.34	18.65	1.70	11.980	
490.00	489.45	487.70	487.47	0.92	0.90	-134.62	-6.16	-16.39	24.41	22.56	1.84	13.245	
517.00	516.33	514.18	513.86	0.99	0.97	-138.55	-8.15	-17.39	28.57	26.60	1.97	14.480	
547.00	546.19	543.62	543.18	1.06	1.04	-143.99	-10.47	-18.57	33.45	31.34	2.11	15.885	
578.00	577.04	573.96	573.39	1.14	1.12	-146.59	-12.98	-19.83	38.84	36.59	2.25	17.273	
608.00	606.85	603.49	602.79	1.22	1.19	-147.50	-15.47	-21.01	44.42	42.04	2.38	18.629	
638.00	636.63	632.80	631.97	1.31	1.26	-147.25	-17.93	-22.17	50.22	47.70	2.52	19.921	
668.00	666.35	661.98	661.02	1.40	1.33	-147.55	-20.42	-23.42	56.40	53.74	2.66	21.192	
698.00	696.01	691.03	689.93	1.50	1.40	-150.34	-22.95	-24.75	63.10	60.30	2.81	22.493	
728.00	725.60	720.24	719.00	1.60	1.47	-150.36	-25.51	-26.16	70.28	67.33	2.95	23.839	
758.00	755.10	749.48	748.10	1.71	1.55	-152.93	-27.97	-27.56	77.81	74.72	3.09	25.155	
788.00	784.51	778.65	777.14	1.82	1.62	-153.66	-30.33	-28.96	85.69	82.45	3.24	26.467	
818.00	813.85	807.53	805.90	1.94	1.69	-154.70	-32.60	-30.35	93.83	90.45	3.38	27.765	
848.00	843.14	836.22	834.46	2.07	1.76	-157.18	-34.87	-31.72	102.28	98.76	3.52	29.057	
878.00	872.36	864.80	862.92	2.19	1.84	-160.07	-37.15	-33.09	111.09	107.43	3.66	30.361	
968.00	959.83	949.59	947.32	2.59	2.07	-162.15	-44.16	-37.24	138.78	134.70	4.09	33.944	
1,058.00	1,047.08	1,035.97	1,033.28	3.01	2.29	-161.08	-51.42	-41.50	167.44	162.92	4.52	37.033	
1,148.00	1,134.31	1,121.86	1,118.84	3.40	2.50	-161.39	-58.05	-45.29	195.39	190.47	4.93	39.672	
1,238.00	1,221.68	1,207.18	1,203.82	3.79	2.72	-161.16	-64.68	-48.84	222.85	217.52	5.33	41.796	
1,328.00	1,308.97	1,292.42	1,288.71	4.21	2.95	-162.13	-71.45	-52.54	250.74	244.97	5.77	43.480	
1,418.00	1,396.43	1,378.22	1,374.13	4.62	3.17	-161.94	-78.29	-56.98	278.00	271.80	6.21	44.795	
1,508.00	1,484.27	1,464.54	1,460.06	4.98	3.40	-164.61	-85.12	-61.47	303.76	297.14	6.62	45.900	
1,598.00	1,572.12	1,551.97	1,547.10	5.36	3.62	-162.51	-91.96	-66.13	329.43	322.39	7.04	46.766	
1,688.00	1,659.75	1,638.83	1,633.66	5.77	3.84	-159.45	-98.31	-69.36	355.29	347.80	7.48	47.472	
1,778.00	1,747.24	1,724.38	1,718.93	6.20	4.05	-160.16	-104.70	-71.98	381.67	373.75	7.92	48.207	
1,868.00	1,834.80	1,810.03	1,804.31	6.60	4.26	-164.69	-111.04	-74.50	407.99	399.64	8.34	48.912	
1,958.00	1,922.45	1,894.27	1,888.24	6.99	4.48	-167.84	-117.61	-77.31	434.59	425.84	8.75	49.668	
2,048.00	2,009.98	1,980.47	1,974.10	7.41	4.71	-167.68	-124.50	-80.62	461.93	452.75	9.18	50.309	
2,138.00	2,097.47	2,068.95	2,062.25	7.81	4.93	-168.67	-131.18	-84.54	489.05	479.43	9.62	50.834	
2,228.00	2,185.32	2,155.68	2,148.67	8.19	5.15	-165.85	-137.50	-88.11	514.44	504.37	10.07	51.097	
2,318.00	2,273.45	2,242.45	2,235.16	8.55	5.36	-164.08	-143.70	-91.52	538.23	527.74	10.49	51.311	
2,408.00	2,361.49	2,324.14	2,316.53	8.93	5.58	-165.85	-150.00	-94.96	562.97	552.07	10.90	51.651	
2,437.00	2,389.80	2,352.38	2,344.65	9.06	5.65	-165.49	-152.29	-96.21	571.29	560.25	11.04	51.749	
2,500.00	2,451.28	2,413.64	2,405.65	9.34	5.81	-165.53	-157.16	-99.00	589.43	578.07	11.36	51.904	
2,542.20	2,492.45	2,454.06	2,445.90	9.53	5.92	-165.56	-160.35	-100.87	601.54	589.97	11.58	51.963	
2,565.99	2,515.65	2,476.82	2,468.56	9.64	5.98	-167.65	-162.15	-101.93	608.50	596.82	11.69	52.074	
2,586.42	2,535.53	2,497.24	2,488.90	9.74	6.03	-167.65	-163.76	-102.87	614.58	602.79	11.79	52.106	
2,600.00	2,548.76	2,516.00	2,507.59	9.80	6.08	-167.67	-165.12	-103.71	618.52	606.65	11.88	52.073	
2,700.00	2,646.55	2,633.18	2,624.56	10.22	6.36	-167.84	-170.49	-107.99	643.21	630.78	12.43	51.742	
2,800.00	2,744.93	2,743.15	2,734.47	10.60	6.60	-168.05	-173.32	-110.51	663.19	650.23	12.96	51.162	
2,900.00	2,843.81	2,852.51	2,843.81	10.94	6.83	-168.33	-174.09	-111.20	678.44	664.97	13.47	50.356	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O1BS - NBU 921-26O1BS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 139-MWD, 2408-

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
3,000.00	2,943.10	2,951.80	2,943.10	11.25	7.04	-168.57	-174.09	-111.20	690.07	676.12	13.95	49.457	
3,100.00	3,042.71	3,051.40	3,042.71	11.52	7.25	-168.74	-174.09	-111.20	698.73	684.31	14.42	48.442	
3,200.00	3,142.53	3,151.23	3,142.53	11.74	7.47	-168.85	-174.09	-111.20	704.41	689.52	14.89	47.322	
3,300.00	3,242.49	3,251.19	3,242.49	11.93	7.70	-168.90	-174.09	-111.20	707.09	691.75	15.33	46.109	
3,339.51	3,282.00	3,290.70	3,282.00	11.99	7.79	177.34	-174.09	-111.20	707.32	691.81	15.51	45.608	
3,400.00	3,342.49	3,351.19	3,342.49	12.08	7.93	177.34	-174.09	-111.20	707.32	691.53	15.79	44.794	
3,500.00	3,442.49	3,451.19	3,442.49	12.23	8.17	177.34	-174.09	-111.20	707.32	691.06	16.26	43.497	
3,600.00	3,542.49	3,551.19	3,542.49	12.39	8.42	177.34	-174.09	-111.20	707.32	690.58	16.74	42.246	
3,700.00	3,642.49	3,651.19	3,642.49	12.56	8.66	177.34	-174.09	-111.20	707.32	690.09	17.23	41.041	
3,800.00	3,742.49	3,751.19	3,742.49	12.73	8.92	177.34	-174.09	-111.20	707.32	689.59	17.73	39.883	
3,900.00	3,842.49	3,851.19	3,842.49	12.90	9.18	177.34	-174.09	-111.20	707.32	689.08	18.24	38.770	
4,000.00	3,942.49	3,951.19	3,942.49	13.08	9.44	177.34	-174.09	-111.20	707.32	688.56	18.76	37.703	
4,100.00	4,042.49	4,051.19	4,042.49	13.27	9.70	177.34	-174.09	-111.20	707.32	688.04	19.28	36.679	
4,200.00	4,142.49	4,151.19	4,142.49	13.46	9.97	177.34	-174.09	-111.20	707.32	687.51	19.81	35.698	
4,300.00	4,242.49	4,251.19	4,242.49	13.66	10.24	177.34	-174.09	-111.20	707.32	686.97	20.35	34.758	
4,400.00	4,342.49	4,351.19	4,342.49	13.86	10.52	177.34	-174.09	-111.20	707.32	686.43	20.89	33.857	
4,500.00	4,442.49	4,451.19	4,442.49	14.07	10.79	177.34	-174.09	-111.20	707.32	685.88	21.44	32.994	
4,600.00	4,542.49	4,551.19	4,542.49	14.27	11.07	177.34	-174.09	-111.20	707.32	685.33	21.99	32.167	
4,700.00	4,642.49	4,651.19	4,642.49	14.49	11.35	177.34	-174.09	-111.20	707.32	684.78	22.55	31.374	
4,800.00	4,742.49	4,751.19	4,742.49	14.70	11.63	177.34	-174.09	-111.20	707.32	684.22	23.10	30.613	
4,900.00	4,842.49	4,851.19	4,842.49	14.93	11.92	177.34	-174.09	-111.20	707.32	683.65	23.67	29.884	
5,000.00	4,942.49	4,951.19	4,942.49	15.15	12.20	177.34	-174.09	-111.20	707.32	683.09	24.24	29.185	
5,100.00	5,042.49	5,051.19	5,042.49	15.38	12.49	177.34	-174.09	-111.20	707.32	682.51	24.81	28.514	
5,200.00	5,142.49	5,151.19	5,142.49	15.61	12.78	177.34	-174.09	-111.20	707.32	681.94	25.38	27.869	
5,300.00	5,242.49	5,251.19	5,242.49	15.84	13.07	177.34	-174.09	-111.20	707.32	681.36	25.96	27.250	
5,400.00	5,342.49	5,351.19	5,342.49	16.08	13.36	177.34	-174.09	-111.20	707.32	680.79	26.54	26.656	
5,500.00	5,442.49	5,451.19	5,442.49	16.32	13.65	177.34	-174.09	-111.20	707.32	680.20	27.12	26.084	
5,600.00	5,542.49	5,551.19	5,542.49	16.56	13.94	177.34	-174.09	-111.20	707.32	679.62	27.70	25.534	
5,700.00	5,642.49	5,651.19	5,642.49	16.80	14.24	177.34	-174.09	-111.20	707.32	679.03	28.29	25.005	
5,800.00	5,742.49	5,751.19	5,742.49	17.05	14.54	177.34	-174.09	-111.20	707.32	678.45	28.88	24.495	
5,900.00	5,842.49	5,851.19	5,842.49	17.30	14.83	177.34	-174.09	-111.20	707.32	677.86	29.47	24.005	
6,000.00	5,942.49	5,951.19	5,942.49	17.55	15.13	177.34	-174.09	-111.20	707.32	677.26	30.06	23.532	
6,100.00	6,042.49	6,051.19	6,042.49	17.80	15.43	177.34	-174.09	-111.20	707.32	676.67	30.65	23.076	
6,200.00	6,142.49	6,151.19	6,142.49	18.06	15.73	177.34	-174.09	-111.20	707.32	676.07	31.25	22.636	
6,300.00	6,242.49	6,251.19	6,242.49	18.32	16.03	177.34	-174.09	-111.20	707.32	675.48	31.84	22.212	
6,400.00	6,342.49	6,351.19	6,342.49	18.58	16.33	177.34	-174.09	-111.20	707.32	674.88	32.44	21.802	
6,500.00	6,442.49	6,451.19	6,442.49	18.84	16.63	177.34	-174.09	-111.20	707.32	674.28	33.04	21.406	
6,600.00	6,542.49	6,551.19	6,542.49	19.10	16.93	177.34	-174.09	-111.20	707.32	673.68	33.64	21.024	
6,700.00	6,642.49	6,651.19	6,642.49	19.37	17.23	177.34	-174.09	-111.20	707.32	673.07	34.25	20.654	
6,800.00	6,742.49	6,751.19	6,742.49	19.63	17.53	177.34	-174.09	-111.20	707.32	672.47	34.85	20.296	
6,900.00	6,842.49	6,851.19	6,842.49	19.90	17.84	177.34	-174.09	-111.20	707.32	671.87	35.45	19.950	
7,000.00	6,942.49	6,951.19	6,942.49	20.17	18.14	177.34	-174.09	-111.20	707.32	671.26	36.06	19.615	
7,100.00	7,042.49	7,051.19	7,042.49	20.44	18.45	177.34	-174.09	-111.20	707.32	670.65	36.67	19.290	
7,200.00	7,142.49	7,151.19	7,142.49	20.71	18.75	177.34	-174.09	-111.20	707.32	670.05	37.28	18.976	
7,300.00	7,242.49	7,251.19	7,242.49	20.98	19.06	177.34	-174.09	-111.20	707.32	669.44	37.88	18.671	
7,400.00	7,342.49	7,351.19	7,342.49	21.26	19.36	177.34	-174.09	-111.20	707.32	668.83	38.49	18.375	
7,500.00	7,442.49	7,451.19	7,442.49	21.53	19.67	177.34	-174.09	-111.20	707.32	668.22	39.10	18.088	
7,600.00	7,542.49	7,551.19	7,542.49	21.81	19.97	177.34	-174.09	-111.20	707.32	667.61	39.71	17.810	
7,700.00	7,642.49	7,651.19	7,642.49	22.09	20.28	177.34	-174.09	-111.20	707.32	666.99	40.33	17.540	
7,800.00	7,742.49	7,751.19	7,742.49	22.37	20.59	177.34	-174.09	-111.20	707.32	666.38	40.94	17.277	
7,900.00	7,842.49	7,851.19	7,842.49	22.65	20.89	177.34	-174.09	-111.20	707.32	665.77	41.55	17.022	
8,000.00	7,942.49	7,951.19	7,942.49	22.93	21.20	177.34	-174.09	-111.20	707.32	665.15	42.17	16.774	

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Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O1BS - NBU 921-26O1BS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 139-MWD, 2408-

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
8,100.00	8,042.49	8,051.19	8,042.49	23.21	21.51	177.34	-174.09	-111.20	707.32	664.54	42.78	16.533	
8,200.00	8,142.49	8,151.19	8,142.49	23.49	21.82	177.34	-174.09	-111.20	707.32	663.92	43.40	16.299	
8,300.00	8,242.49	8,251.19	8,242.49	23.78	22.13	177.34	-174.09	-111.20	707.32	663.31	44.01	16.071	
8,400.00	8,342.49	8,351.19	8,342.49	24.06	22.44	177.34	-174.09	-111.20	707.32	662.69	44.63	15.849	
8,500.00	8,442.49	8,451.19	8,442.49	24.35	22.74	177.34	-174.09	-111.20	707.32	662.08	45.25	15.633	
8,600.00	8,542.49	8,551.19	8,542.49	24.63	23.05	177.34	-174.09	-111.20	707.32	661.46	45.86	15.422	
8,700.00	8,642.49	8,651.19	8,642.49	24.92	23.36	177.34	-174.09	-111.20	707.32	660.84	46.48	15.217	
8,800.00	8,742.49	8,751.19	8,742.49	25.21	23.67	177.34	-174.09	-111.20	707.32	660.22	47.10	15.018	
8,900.00	8,842.49	8,851.19	8,842.49	25.50	23.98	177.34	-174.09	-111.20	707.32	659.60	47.72	14.823	
9,000.00	8,942.49	8,951.19	8,942.49	25.78	24.29	177.34	-174.09	-111.20	707.32	658.98	48.34	14.633	
9,100.00	9,042.49	9,051.19	9,042.49	26.07	24.60	177.34	-174.09	-111.20	707.32	658.36	48.96	14.448	
9,200.00	9,142.49	9,151.19	9,142.49	26.36	24.91	177.34	-174.09	-111.20	707.32	657.74	49.58	14.267	
9,300.00	9,242.49	9,251.19	9,242.49	26.66	25.22	177.34	-174.09	-111.20	707.32	657.12	50.20	14.091	
9,400.00	9,342.49	9,351.19	9,342.49	26.95	25.54	177.34	-174.09	-111.20	707.32	656.50	50.82	13.918	
9,500.00	9,442.49	9,451.19	9,442.49	27.24	25.85	177.34	-174.09	-111.20	707.32	655.88	51.44	13.750	
9,600.00	9,542.49	9,551.19	9,542.49	27.53	26.16	177.34	-174.09	-111.20	707.32	655.26	52.06	13.586	
9,700.00	9,642.49	9,651.19	9,642.49	27.83	26.47	177.34	-174.09	-111.20	707.32	654.64	52.68	13.426	
9,800.00	9,742.49	9,751.19	9,742.49	28.12	26.78	177.34	-174.09	-111.20	707.32	654.01	53.31	13.269	
9,900.00	9,842.49	9,759.70	9,751.00	28.41	26.81	177.34	-174.09	-111.20	713.21	659.57	53.64	13.296	
10,000.00	9,942.49	9,759.70	9,751.00	28.71	26.81	177.34	-174.09	-111.20	732.78	678.83	53.95	13.582	
10,100.00	10,042.49	9,759.70	9,751.00	29.00	26.81	177.34	-174.09	-111.20	765.03	710.77	54.26	14.099	
10,200.00	10,142.49	9,759.70	9,751.00	29.30	26.81	177.34	-174.09	-111.20	808.44	753.87	54.57	14.814	
10,300.00	10,242.49	9,759.70	9,751.00	29.60	26.81	177.34	-174.09	-111.20	861.32	806.44	54.88	15.694	
10,400.00	10,342.49	9,759.70	9,751.00	29.89	26.81	177.34	-174.09	-111.20	922.04	866.85	55.19	16.706	
10,500.00	10,442.49	9,759.70	9,751.00	30.19	26.81	177.34	-174.09	-111.20	989.17	933.67	55.50	17.822	
10,600.00	10,542.49	9,759.70	9,751.00	30.49	26.81	177.34	-174.09	-111.20	1,061.49	1,005.68	55.81	19.019	
10,700.00	10,642.49	9,759.70	9,751.00	30.79	26.81	177.34	-174.09	-111.20	1,138.01	1,081.88	56.12	20.277	
10,797.51	10,740.00	9,759.70	9,751.00	31.08	26.81	177.34	-174.09	-111.20	1,215.90	1,159.48	56.43	21.549	

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Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O2CS - NBU 921-26O2CS - NBU 921-26O2CS

Offset Site Error: 0.00 ft

Survey Program: 127-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	-91.39	-0.73	-29.97	29.98				
169.00	169.00	168.81	168.80	0.16	0.20	-52.84	-0.69	-30.87	30.68	30.32	0.36	85.745	
199.00	199.00	198.85	198.85	0.23	0.26	-63.59	-0.66	-31.02	30.75	30.26	0.48	63.415	
228.00	228.00	227.83	227.82	0.29	0.32	-62.73	-0.52	-31.18	30.78	30.17	0.61	50.374	
256.00	256.00	255.82	255.81	0.36	0.38	-79.50	-0.25	-31.36	30.84	30.11	0.73	42.034	
285.00	284.99	284.85	284.84	0.42	0.44	-86.28	0.15	-31.53	30.93	30.07	0.86	35.907	
313.00	312.97	312.87	312.86	0.49	0.51	-78.57	0.65	-31.68	30.92	29.93	0.99	31.362	
342.00	341.95	341.88	341.86	0.56	0.57	-78.52	1.20	-31.83	30.79	29.68	1.12	27.605	
371.00	370.90	371.04	371.02	0.63	0.63	-77.55	1.76	-31.86	30.42	29.17	1.25	24.411	
401.00	400.82	401.01	400.98	0.70	0.69	-83.60	2.35	-31.81	29.93	28.55	1.38	21.657	
430.00	429.72	429.96	429.92	0.77	0.76	-86.77	2.93	-31.75	29.55	28.04	1.52	19.490	
461.00	460.59	460.93	460.89	0.85	0.82	-92.03	3.56	-31.65	29.26	27.59	1.66	17.589	
490.00	489.45	489.89	489.84	0.92	0.89	-96.36	4.16	-31.50	29.12	27.31	1.80	16.153	
506.68	506.05	506.55	506.49	0.96	0.92	-98.96	4.51	-31.39	29.09	27.21	1.88	15.451	CC
517.00	516.33	516.85	516.80	0.99	0.95	-100.57	4.73	-31.32	29.10	27.17	1.93	15.057	ES
547.00	546.19	546.75	546.68	1.06	1.01	-107.44	5.37	-31.11	29.30	27.23	2.07	14.168	
578.00	577.04	577.63	577.56	1.14	1.08	-112.43	6.07	-30.94	29.83	27.63	2.21	13.510	
608.00	606.85	607.49	607.41	1.22	1.14	-116.19	6.77	-30.80	30.68	28.33	2.35	13.049	
638.00	636.63	637.30	637.21	1.31	1.20	-119.25	7.45	-30.69	31.83	29.34	2.49	12.779	
668.00	666.35	667.05	666.95	1.40	1.26	-123.32	8.07	-30.58	33.38	30.75	2.63	12.692	SF
698.00	696.01	696.73	696.63	1.50	1.32	-130.14	8.64	-30.47	35.57	32.80	2.77	12.840	
728.00	725.60	726.35	726.24	1.60	1.38	-134.23	9.17	-30.37	38.44	35.53	2.91	13.220	
758.00	755.10	755.88	755.77	1.71	1.44	-140.52	9.67	-30.29	41.99	38.95	3.04	13.793	
788.00	784.51	785.33	785.22	1.82	1.50	-144.60	10.14	-30.23	46.24	43.06	3.18	14.543	
818.00	813.85	814.74	814.62	1.94	1.56	-148.53	10.59	-30.18	51.05	47.73	3.31	15.399	
848.00	843.14	844.10	843.98	2.07	1.62	-153.39	11.03	-30.12	56.33	52.88	3.45	16.338	
878.00	872.36	873.40	873.27	2.19	1.68	-158.19	11.46	-30.06	62.10	58.52	3.58	17.354	
968.00	959.83	961.06	960.92	2.59	1.87	-164.28	12.69	-29.86	80.99	77.01	3.98	20.365	
1,058.00	1,047.08	1,047.48	1,047.34	3.01	2.05	-165.86	13.40	-29.47	101.66	97.27	4.38	23.189	
1,148.00	1,134.31	1,134.05	1,133.91	3.40	2.24	-167.93	13.37	-28.73	123.30	118.52	4.78	25.808	
1,238.00	1,221.68	1,220.85	1,220.71	3.79	2.42	-168.95	12.99	-27.88	144.95	139.79	5.17	28.051	
1,328.00	1,308.97	1,307.82	1,307.67	4.21	2.61	-170.84	12.43	-27.10	167.22	161.64	5.58	29.976	
1,418.00	1,396.43	1,394.69	1,394.53	4.62	2.79	-171.41	11.77	-26.32	188.96	182.97	5.99	31.542	
1,508.00	1,484.27	1,482.18	1,482.01	4.98	2.98	-174.67	10.93	-25.57	209.32	202.94	6.38	32.798	
1,598.00	1,572.12	1,569.30	1,569.13	5.36	3.16	-173.17	10.02	-24.88	229.79	223.01	6.78	33.884	
1,688.00	1,659.75	1,656.70	1,656.52	5.77	3.34	-170.41	8.94	-24.26	251.28	244.09	7.20	34.922	
1,778.00	1,747.24	1,744.58	1,744.40	6.20	3.52	-171.24	7.97	-23.79	273.17	265.57	7.61	35.909	
1,868.00	1,834.80	1,831.86	1,831.66	6.60	3.70	-175.59	7.06	-23.93	294.74	286.72	8.02	36.750	
1,958.00	1,922.45	1,919.41	1,919.21	6.99	3.89	-178.62	6.05	-24.08	316.11	307.69	8.42	37.535	
2,048.00	2,009.98	2,006.99	2,006.79	7.41	4.07	-178.42	5.17	-24.23	337.86	329.03	8.83	38.258	
2,138.00	2,097.47	2,094.07	2,093.86	7.81	4.25	-179.36	4.26	-24.46	359.79	350.54	9.25	38.907	
2,228.00	2,185.32	2,181.26	2,181.05	8.19	4.44	-176.46	3.26	-24.73	380.28	370.60	9.67	39.310	
2,318.00	2,273.45	2,268.60	2,268.37	8.55	4.62	-174.74	2.15	-24.94	399.50	389.42	10.08	39.630	
2,408.00	2,361.49	2,347.00	2,346.77	8.93	4.79	-176.56	1.06	-25.12	419.41	408.94	10.47	40.070	
2,437.00	2,389.80	2,347.00	2,346.77	9.06	4.79	-176.20	1.06	-25.12	427.58	417.04	10.54	40.565	
2,500.00	2,451.28	2,347.00	2,346.77	9.34	4.79	-176.20	1.06	-25.12	451.42	440.71	10.71	42.145	
2,542.20	2,492.45	2,347.00	2,346.77	9.53	4.79	-176.20	1.06	-25.12	471.44	460.61	10.83	43.540	
2,565.99	2,515.65	2,347.00	2,346.77	9.64	4.79	-178.46	1.06	-25.12	484.09	473.21	10.88	44.481	
2,586.42	2,535.53	2,347.00	2,346.77	9.74	4.79	-178.46	1.06	-25.12	495.68	484.74	10.94	45.305	
2,600.00	2,548.76	2,347.00	2,346.77	9.80	4.79	-178.46	1.06	-25.12	503.68	492.70	10.98	45.864	
2,700.00	2,646.55	2,347.00	2,346.77	10.22	4.79	-178.50	1.06	-25.12	567.87	556.61	11.27	50.400	
2,800.00	2,744.93	2,347.00	2,346.77	10.60	4.79	-178.55	1.06	-25.12	639.32	627.78	11.54	55.388	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O2CS - NBU 921-26O2CS - NBU 921-26O2CS

Offset Site Error: 0.00 ft

Survey Program: 127-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
2,900.00	2,843.81	2,347.00	2,346.77	10.94	4.79	-178.60	1.06	-25.12	715.80	703.99	11.81	60.635	
3,000.00	2,943.10	2,347.00	2,346.77	11.25	4.79	-178.66	1.06	-25.12	795.80	783.75	12.05	66.026	
3,100.00	3,042.71	2,347.00	2,346.77	11.52	4.79	-178.71	1.06	-25.12	878.29	866.01	12.28	71.494	
3,200.00	3,142.53	2,347.00	2,346.77	11.74	4.79	-178.77	1.06	-25.12	962.57	950.07	12.50	77.005	
3,300.00	3,242.49	2,347.00	2,346.77	11.93	4.79	-178.84	1.06	-25.12	1,048.13	1,035.44	12.70	82.539	
3,339.51	3,282.00	2,347.00	2,346.77	11.99	4.79	167.39	1.06	-25.12	1,082.21	1,069.44	12.77	84.729	
3,400.00	3,342.49	2,347.00	2,346.77	12.08	4.79	167.39	1.06	-25.12	1,134.90	1,121.99	12.91	87.937	
3,500.00	3,442.49	2,347.00	2,346.77	12.23	4.79	167.39	1.06	-25.12	1,223.57	1,210.45	13.13	93.204	
3,600.00	3,542.49	2,347.00	2,346.77	12.39	4.79	167.39	1.06	-25.12	1,313.88	1,300.52	13.36	98.374	
3,700.00	3,642.49	2,347.00	2,346.77	12.56	4.79	167.39	1.06	-25.12	1,405.50	1,391.91	13.59	103.424	
3,800.00	3,742.49	2,347.00	2,346.77	12.73	4.79	167.39	1.06	-25.12	1,498.19	1,484.36	13.83	108.340	
3,900.00	3,842.49	2,347.00	2,346.77	12.90	4.79	167.39	1.06	-25.12	1,591.76	1,577.69	14.07	113.115	
4,000.00	3,942.49	2,347.00	2,346.77	13.08	4.79	167.39	1.06	-25.12	1,686.08	1,671.76	14.32	117.743	
4,100.00	4,042.49	2,347.00	2,346.77	13.27	4.79	167.39	1.06	-25.12	1,781.01	1,766.44	14.57	122.221	
4,200.00	4,142.49	2,347.00	2,346.77	13.46	4.79	167.39	1.06	-25.12	1,876.47	1,861.64	14.83	126.551	
4,300.00	4,242.49	2,347.00	2,346.77	13.66	4.79	167.39	1.06	-25.12	1,972.38	1,957.29	15.09	130.734	
4,400.00	4,342.49	2,347.00	2,346.77	13.86	4.79	167.39	1.06	-25.12	2,068.68	2,053.33	15.35	134.773	
4,500.00	4,442.49	2,347.00	2,346.77	14.07	4.79	167.39	1.06	-25.12	2,165.31	2,149.70	15.61	138.671	
4,600.00	4,542.49	2,347.00	2,346.77	14.27	4.79	167.39	1.06	-25.12	2,262.24	2,246.36	15.88	142.432	
4,700.00	4,642.49	2,347.00	2,346.77	14.49	4.79	167.39	1.06	-25.12	2,359.42	2,343.27	16.15	146.062	
4,800.00	4,742.49	2,347.00	2,346.77	14.70	4.79	167.39	1.06	-25.12	2,456.83	2,440.40	16.43	149.563	
4,900.00	4,842.49	2,347.00	2,346.77	14.93	4.79	167.39	1.06	-25.12	2,554.44	2,537.74	16.70	152.942	
5,000.00	4,942.49	2,347.00	2,346.77	15.15	4.79	167.39	1.06	-25.12	2,652.23	2,635.25	16.98	156.203	
5,100.00	5,042.49	2,347.00	2,346.77	15.38	4.79	167.39	1.06	-25.12	2,750.17	2,732.91	17.26	159.350	
5,200.00	5,142.49	2,347.00	2,346.77	15.61	4.79	167.39	1.06	-25.12	2,848.26	2,830.72	17.54	162.388	
5,300.00	5,242.49	2,347.00	2,346.77	15.84	4.79	167.39	1.06	-25.12	2,946.48	2,928.66	17.82	165.322	
5,400.00	5,342.49	2,347.00	2,346.77	16.08	4.79	167.39	1.06	-25.12	3,044.81	3,026.70	18.11	168.157	
5,500.00	5,442.49	2,347.00	2,346.77	16.32	4.79	167.39	1.06	-25.12	3,143.25	3,124.86	18.39	170.895	
5,600.00	5,542.49	2,347.00	2,346.77	16.56	4.79	167.39	1.06	-25.12	3,241.78	3,223.10	18.68	173.542	
5,700.00	5,642.49	2,347.00	2,346.77	16.80	4.79	167.39	1.06	-25.12	3,340.41	3,321.44	18.97	176.101	
5,800.00	5,742.49	2,347.00	2,346.77	17.05	4.79	167.39	1.06	-25.12	3,439.11	3,419.85	19.26	178.576	
5,900.00	5,842.49	2,347.00	2,346.77	17.30	4.79	167.39	1.06	-25.12	3,537.88	3,518.33	19.55	180.971	
6,000.00	5,942.49	2,347.00	2,346.77	17.55	4.79	167.39	1.06	-25.12	3,636.72	3,616.88	19.84	183.289	
6,100.00	6,042.49	2,347.00	2,346.77	17.80	4.79	167.39	1.06	-25.12	3,735.62	3,715.49	20.13	185.533	
6,200.00	6,142.49	2,347.00	2,346.77	18.06	4.79	167.39	1.06	-25.12	3,834.58	3,814.16	20.43	187.706	
6,300.00	6,242.49	2,347.00	2,346.77	18.32	4.79	167.39	1.06	-25.12	3,933.60	3,912.87	20.72	189.813	
6,400.00	6,342.49	2,347.00	2,346.77	18.58	4.79	167.39	1.06	-25.12	4,032.66	4,011.64	21.02	191.854	
6,500.00	6,442.49	2,347.00	2,346.77	18.84	4.79	167.39	1.06	-25.12	4,131.76	4,110.45	21.32	193.834	
6,600.00	6,542.49	2,347.00	2,346.77	19.10	4.79	167.39	1.06	-25.12	4,230.91	4,209.30	21.61	195.754	
6,700.00	6,642.49	2,347.00	2,346.77	19.37	4.79	167.39	1.06	-25.12	4,330.10	4,308.19	21.91	197.617	
6,800.00	6,742.49	2,347.00	2,346.77	19.63	4.79	167.39	1.06	-25.12	4,429.32	4,407.11	22.21	199.425	
6,900.00	6,842.49	2,347.00	2,346.77	19.90	4.79	167.39	1.06	-25.12	4,528.58	4,506.07	22.51	201.181	
7,000.00	6,942.49	2,347.00	2,346.77	20.17	4.79	167.39	1.06	-25.12	4,627.87	4,605.06	22.81	202.887	
7,100.00	7,042.49	2,347.00	2,346.77	20.44	4.79	167.39	1.06	-25.12	4,727.19	4,704.08	23.11	204.545	
7,200.00	7,142.49	2,347.00	2,346.77	20.71	4.79	167.39	1.06	-25.12	4,826.54	4,803.13	23.41	206.156	
7,300.00	7,242.49	2,347.00	2,346.77	20.98	4.79	167.39	1.06	-25.12	4,925.91	4,902.20	23.71	207.722	
7,400.00	7,342.49	2,347.00	2,346.77	21.26	4.79	167.39	1.06	-25.12	5,025.31	5,001.30	24.02	209.246	
7,500.00	7,442.49	2,347.00	2,346.77	21.53	4.79	167.39	1.06	-25.12	5,124.74	5,100.42	24.32	210.728	
7,600.00	7,542.49	2,347.00	2,346.77	21.81	4.79	167.39	1.06	-25.12	5,224.18	5,199.56	24.62	212.171	
7,700.00	7,642.49	2,347.00	2,346.77	22.09	4.79	167.39	1.06	-25.12	5,323.65	5,298.72	24.93	213.576	
7,800.00	7,742.49	2,347.00	2,346.77	22.37	4.79	167.39	1.06	-25.12	5,423.13	5,397.90	25.23	214.944	
7,900.00	7,842.49	2,347.00	2,346.77	22.65	4.79	167.39	1.06	-25.12	5,522.63	5,497.10	25.54	216.276	

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O2CS - NBU 921-26O2CS - NBU 921-26O2CS

Offset Site Error: 0.00 ft

Survey Program: 127-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
8,000.00	7,942.49	2,347.00	2,346.77	22.93	4.79	167.39	1.06	-25.12	5,622.16	5,596.32	25.84	217.575	
8,100.00	8,042.49	2,347.00	2,346.77	23.21	4.79	167.39	1.06	-25.12	5,721.69	5,695.55	26.15	218.841	
8,200.00	8,142.49	2,347.00	2,346.77	23.49	4.79	167.39	1.06	-25.12	5,821.25	5,794.80	26.45	220.075	
8,300.00	8,242.49	2,347.00	2,346.77	23.78	4.79	167.39	1.06	-25.12	5,920.82	5,894.06	26.76	221.279	
8,400.00	8,342.49	2,347.00	2,346.77	24.06	4.79	167.39	1.06	-25.12	6,020.40	5,993.34	27.06	222.453	
8,500.00	8,442.49	2,347.00	2,346.77	24.35	4.79	167.39	1.06	-25.12	6,120.00	6,092.63	27.37	223.599	
8,600.00	8,542.49	2,347.00	2,346.77	24.63	4.79	167.39	1.06	-25.12	6,219.61	6,191.93	27.68	224.717	
8,700.00	8,642.49	2,347.00	2,346.77	24.92	4.79	167.39	1.06	-25.12	6,319.23	6,291.24	27.98	225.809	
8,800.00	8,742.49	2,347.00	2,346.77	25.21	4.79	167.39	1.06	-25.12	6,418.86	6,390.57	28.29	226.876	
8,900.00	8,842.49	2,347.00	2,346.77	25.50	4.79	167.39	1.06	-25.12	6,518.51	6,489.91	28.60	227.918	
9,000.00	8,942.49	2,347.00	2,346.77	25.78	4.79	167.39	1.06	-25.12	6,618.16	6,589.25	28.91	228.936	
9,100.00	9,042.49	2,347.00	2,346.77	26.07	4.79	167.39	1.06	-25.12	6,717.83	6,688.61	29.22	229.930	
9,200.00	9,142.49	2,347.00	2,346.77	26.36	4.79	167.39	1.06	-25.12	6,817.50	6,787.98	29.53	230.903	
9,300.00	9,242.49	2,347.00	2,346.77	26.66	4.79	167.39	1.06	-25.12	6,917.19	6,887.36	29.83	231.854	
9,400.00	9,342.49	2,347.00	2,346.77	26.95	4.79	167.39	1.06	-25.12	7,016.88	6,986.74	30.14	232.784	
9,500.00	9,442.49	2,347.00	2,346.77	27.24	4.79	167.39	1.06	-25.12	7,116.59	7,086.13	30.45	233.694	
9,600.00	9,542.49	2,347.00	2,346.77	27.53	4.79	167.39	1.06	-25.12	7,216.30	7,185.53	30.76	234.584	
9,700.00	9,642.49	2,347.00	2,346.77	27.83	4.79	167.39	1.06	-25.12	7,316.02	7,284.94	31.07	235.455	
9,800.00	9,742.49	2,347.00	2,346.77	28.12	4.79	167.39	1.06	-25.12	7,415.74	7,384.36	31.38	236.308	
9,900.00	9,842.49	2,347.00	2,346.77	28.41	4.79	167.39	1.06	-25.12	7,515.48	7,483.78	31.69	237.142	
10,000.00	9,942.49	2,347.00	2,346.77	28.71	4.79	167.39	1.06	-25.12	7,615.22	7,583.21	32.00	237.960	
10,100.00	10,042.49	2,347.00	2,346.77	29.00	4.79	167.39	1.06	-25.12	7,714.96	7,682.65	32.31	238.761	
10,200.00	10,142.49	2,347.00	2,346.77	29.30	4.79	167.39	1.06	-25.12	7,814.72	7,782.09	32.62	239.545	
10,300.00	10,242.49	2,347.00	2,346.77	29.60	4.79	167.39	1.06	-25.12	7,914.48	7,881.54	32.93	240.314	
10,400.00	10,342.49	2,347.00	2,346.77	29.89	4.79	167.39	1.06	-25.12	8,014.24	7,981.00	33.24	241.068	
10,500.00	10,442.49	2,347.00	2,346.77	30.19	4.79	167.39	1.06	-25.12	8,114.02	8,080.46	33.56	241.806	
10,600.00	10,542.49	2,347.00	2,346.77	30.49	4.79	167.39	1.06	-25.12	8,213.79	8,179.93	33.87	242.530	
10,700.00	10,642.49	2,347.00	2,346.77	30.79	4.79	167.39	1.06	-25.12	8,313.58	8,279.40	34.18	243.240	
10,797.51	10,740.00	2,347.00	2,346.77	31.08	4.79	167.39	1.06	-25.12	8,410.88	8,376.39	34.48	243.920	

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O2CS - NBU 921-26O2CS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 127-MWD, 2347-

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	-91.39	-0.73	-29.97	29.98				
169.00	169.00	168.81	168.80	0.16	0.20	-52.84	-0.69	-30.87	30.68	30.32	0.36	85.745	
199.00	199.00	198.85	198.85	0.23	0.26	-63.59	-0.66	-31.02	30.75	30.26	0.48	63.415	
228.00	228.00	227.83	227.82	0.29	0.32	-62.73	-0.52	-31.18	30.78	30.17	0.61	50.374	
256.00	256.00	255.82	255.81	0.36	0.38	-79.50	-0.25	-31.36	30.84	30.11	0.73	42.034	
285.00	284.99	284.85	284.84	0.42	0.44	-86.28	0.15	-31.53	30.93	30.07	0.86	35.907	
313.00	312.97	312.87	312.86	0.49	0.51	-78.57	0.65	-31.68	30.92	29.93	0.99	31.362	
342.00	341.95	341.88	341.86	0.56	0.57	-78.52	1.20	-31.83	30.79	29.68	1.12	27.605	
371.00	370.90	371.04	371.02	0.63	0.63	-77.55	1.76	-31.86	30.42	29.17	1.25	24.411	
401.00	400.82	401.01	400.98	0.70	0.69	-83.60	2.35	-31.81	29.93	28.55	1.38	21.657	
430.00	429.72	429.96	429.92	0.77	0.76	-86.77	2.93	-31.75	29.55	28.04	1.52	19.490	
461.00	460.59	460.93	460.89	0.85	0.82	-92.03	3.56	-31.65	29.26	27.59	1.66	17.589	
490.00	489.45	489.89	489.84	0.92	0.89	-96.36	4.16	-31.50	29.12	27.31	1.80	16.153	
506.68	506.05	506.55	506.49	0.96	0.92	-98.96	4.51	-31.39	29.09	27.21	1.88	15.451	CC
517.00	516.33	516.85	516.80	0.99	0.95	-100.57	4.73	-31.32	29.10	27.17	1.93	15.057	ES
547.00	546.19	546.75	546.68	1.06	1.01	-107.44	5.37	-31.11	29.30	27.23	2.07	14.168	
578.00	577.04	577.63	577.56	1.14	1.08	-112.43	6.07	-30.94	29.83	27.63	2.21	13.510	
608.00	606.85	607.49	607.41	1.22	1.14	-116.19	6.77	-30.80	30.68	28.33	2.35	13.049	
638.00	636.63	637.30	637.21	1.31	1.20	-119.25	7.45	-30.69	31.83	29.34	2.49	12.779	
668.00	666.35	667.05	666.95	1.40	1.26	-123.32	8.07	-30.58	33.38	30.75	2.63	12.692	SF
698.00	696.01	696.73	696.63	1.50	1.32	-130.14	8.64	-30.47	35.57	32.80	2.77	12.840	
728.00	725.60	726.35	726.24	1.60	1.38	-134.23	9.17	-30.37	38.44	35.53	2.91	13.220	
758.00	755.10	755.88	755.77	1.71	1.44	-140.52	9.67	-30.29	41.99	38.95	3.04	13.793	
788.00	784.51	785.33	785.22	1.82	1.50	-144.60	10.14	-30.23	46.24	43.06	3.18	14.543	
818.00	813.85	814.74	814.62	1.94	1.56	-148.53	10.59	-30.18	51.05	47.73	3.31	15.399	
848.00	843.14	844.10	843.98	2.07	1.62	-153.39	11.03	-30.12	56.33	52.88	3.45	16.338	
878.00	872.36	873.40	873.27	2.19	1.68	-158.19	11.46	-30.06	62.10	58.52	3.58	17.354	
968.00	959.83	961.06	960.92	2.59	1.87	-164.28	12.69	-29.86	80.99	77.01	3.98	20.365	
1,058.00	1,047.08	1,047.48	1,047.34	3.01	2.05	-165.86	13.40	-29.47	101.66	97.27	4.38	23.189	
1,148.00	1,134.31	1,134.05	1,133.91	3.40	2.24	-167.93	13.37	-28.73	123.30	118.52	4.78	25.808	
1,238.00	1,221.68	1,220.85	1,220.71	3.79	2.42	-168.95	12.99	-27.88	144.95	139.79	5.17	28.051	
1,328.00	1,308.97	1,307.82	1,307.67	4.21	2.61	-170.84	12.43	-27.10	167.22	161.64	5.58	29.976	
1,418.00	1,396.43	1,394.69	1,394.53	4.62	2.79	-171.41	11.77	-26.32	188.96	182.97	5.99	31.542	
1,508.00	1,484.27	1,482.18	1,482.01	4.98	2.98	-174.67	10.93	-25.57	209.32	202.94	6.38	32.798	
1,598.00	1,572.12	1,569.30	1,569.13	5.36	3.16	-173.17	10.02	-24.88	229.79	223.01	6.78	33.884	
1,688.00	1,659.75	1,656.70	1,656.52	5.77	3.34	-170.41	8.94	-24.26	251.28	244.09	7.20	34.922	
1,778.00	1,747.24	1,744.58	1,744.40	6.20	3.52	-171.24	7.97	-23.79	273.17	265.57	7.61	35.909	
1,868.00	1,834.80	1,831.86	1,831.66	6.60	3.70	-175.59	7.06	-23.93	294.74	286.72	8.02	36.750	
1,958.00	1,922.45	1,919.41	1,919.21	6.99	3.89	-178.62	6.05	-24.08	316.11	307.69	8.42	37.535	
2,048.00	2,009.98	2,006.99	2,006.79	7.41	4.07	-178.42	5.17	-24.23	337.86	329.03	8.83	38.258	
2,138.00	2,097.47	2,094.07	2,093.86	7.81	4.25	-179.36	4.26	-24.46	359.79	350.54	9.25	38.907	
2,228.00	2,185.32	2,181.26	2,181.05	8.19	4.44	-176.46	3.26	-24.73	380.28	370.60	9.67	39.310	
2,318.00	2,273.45	2,268.60	2,268.37	8.55	4.62	-174.74	2.15	-24.94	399.50	389.42	10.08	39.630	
2,408.00	2,361.49	2,356.38	2,356.15	8.93	4.81	-176.57	0.93	-25.16	419.31	408.82	10.49	39.980	
2,437.00	2,389.80	2,384.61	2,384.38	9.06	4.87	-176.24	0.54	-25.25	425.92	415.30	10.62	40.087	
2,500.00	2,451.28	2,445.91	2,445.67	9.34	5.01	-176.31	-0.30	-25.45	440.45	429.52	10.93	40.301	
2,542.20	2,492.45	2,482.06	2,481.82	9.53	5.09	-176.32	-1.00	-25.72	450.38	439.25	11.13	40.479	
2,565.99	2,515.65	2,500.00	2,499.74	9.64	5.13	-178.40	-1.55	-26.00	456.32	445.09	11.22	40.656	
2,586.42	2,535.53	2,518.90	2,518.62	9.74	5.18	-178.34	-2.28	-26.40	461.63	450.31	11.33	40.759	
2,600.00	2,548.76	2,530.16	2,529.86	9.80	5.20	-178.31	-2.79	-26.69	465.21	453.82	11.39	40.832	
2,700.00	2,646.55	2,612.56	2,612.02	10.22	5.40	-177.86	-8.14	-29.97	491.49	479.61	11.88	41.380	
2,800.00	2,744.93	2,700.00	2,698.82	10.60	5.62	-177.09	-16.96	-35.71	517.75	505.37	12.38	41.823	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O2CS - NBU 921-26O2CS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 127-MWD, 2347-

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
2,900.00	2,843.81	2,774.40	2,772.22	10.94	5.84	-176.25	-27.01	-42.41	543.95	531.10	12.85	42.320	
3,000.00	2,943.10	2,853.57	2,849.77	11.25	6.09	-175.19	-40.24	-51.36	570.31	556.97	13.35	42.733	
3,100.00	3,042.71	2,931.44	2,925.31	11.52	6.37	-174.00	-55.80	-61.97	596.90	583.06	13.84	43.124	
3,200.00	3,142.53	3,000.00	2,991.15	11.74	6.65	-172.86	-71.56	-72.80	623.90	609.59	14.31	43.605	
3,300.00	3,242.49	3,082.87	3,069.75	11.93	7.05	-171.36	-93.15	-87.71	651.24	636.39	14.85	43.860	
3,339.51	3,282.00	3,113.60	3,098.60	11.99	7.21	175.47	-101.85	-93.73	662.21	647.16	15.05	43.995	
3,400.00	3,342.49	3,170.29	3,151.73	12.08	7.53	176.57	-118.11	-104.99	679.09	663.65	15.44	43.990	
3,500.00	3,442.49	3,264.01	3,239.56	12.23	8.09	178.28	-144.98	-123.61	707.48	691.40	16.08	43.991	
3,600.00	3,542.49	3,357.73	3,327.40	12.39	8.68	179.86	-171.85	-142.23	736.43	719.69	16.74	43.990	
3,700.00	3,642.49	3,451.45	3,415.23	12.56	9.31	-178.68	-198.72	-160.84	765.88	748.47	17.41	43.992	
3,800.00	3,742.49	3,545.17	3,503.07	12.73	9.96	-177.32	-225.59	-179.46	795.76	777.68	18.08	44.002	
3,900.00	3,842.49	3,638.89	3,590.90	12.90	10.63	-176.06	-252.46	-198.07	826.04	807.27	18.76	44.023	
4,000.00	3,942.49	3,732.61	3,678.73	13.08	11.31	-174.88	-279.33	-216.69	856.66	837.22	19.45	44.054	
4,100.00	4,042.49	3,826.33	3,766.57	13.27	12.01	-173.78	-306.20	-235.31	887.60	867.47	20.13	44.095	
4,200.00	4,142.49	3,920.05	3,854.40	13.46	12.73	-172.76	-333.07	-253.92	918.83	898.01	20.81	44.146	
4,300.00	4,242.49	4,013.77	3,942.24	13.66	13.45	-171.80	-359.94	-272.54	950.30	928.80	21.50	44.204	
4,400.00	4,342.49	4,107.49	4,030.07	13.86	14.18	-170.90	-386.81	-291.16	982.01	959.83	22.18	44.269	
4,500.00	4,442.49	4,201.21	4,117.91	14.07	14.91	-170.06	-413.68	-309.77	1,013.92	991.06	22.87	44.340	
4,600.00	4,542.49	4,294.93	4,205.74	14.27	15.65	-169.27	-440.55	-328.39	1,046.03	1,022.48	23.55	44.414	
4,700.00	4,642.49	4,388.65	4,293.57	14.49	16.40	-168.52	-467.42	-347.00	1,078.31	1,054.07	24.24	44.491	
4,800.00	4,742.49	4,482.37	4,381.41	14.70	17.15	-167.82	-494.29	-365.62	1,110.74	1,085.82	24.92	44.570	
4,900.00	4,842.49	4,576.09	4,469.24	14.93	17.91	-167.15	-521.16	-384.24	1,143.32	1,117.71	25.61	44.650	
5,000.00	4,942.49	4,669.81	4,557.08	15.15	18.67	-166.53	-548.03	-402.85	1,176.03	1,149.74	26.29	44.731	
5,100.00	5,042.49	4,763.53	4,644.91	15.38	19.43	-165.93	-574.90	-421.47	1,208.86	1,181.88	26.98	44.813	
5,200.00	5,142.49	4,878.73	4,753.04	15.61	20.28	-165.25	-607.56	-444.10	1,241.54	1,213.80	27.73	44.768	
5,300.00	5,242.49	5,041.64	4,908.19	15.84	21.09	-164.46	-648.35	-472.36	1,270.40	1,241.82	28.58	44.448	
5,400.00	5,342.49	5,210.09	5,071.30	16.08	21.82	-163.83	-682.83	-496.25	1,294.06	1,264.65	29.41	43.995	
5,500.00	5,442.49	5,383.12	5,241.13	16.32	22.47	-163.37	-709.98	-515.06	1,312.23	1,282.01	30.22	43.423	
5,600.00	5,542.49	5,559.64	5,416.10	16.56	23.00	-163.06	-728.95	-528.20	1,324.69	1,293.70	30.99	42.751	
5,700.00	5,642.49	5,738.37	5,594.38	16.80	23.41	-162.90	-739.10	-535.23	1,331.27	1,299.57	31.71	41.989	
5,800.00	5,742.49	5,886.51	5,742.49	17.05	23.68	-162.87	-740.79	-536.41	1,332.37	1,300.05	32.32	41.226	
5,900.00	5,842.49	5,986.51	5,842.49	17.30	23.84	-162.87	-740.79	-536.41	1,332.37	1,299.55	32.81	40.603	
6,000.00	5,942.49	6,086.51	5,942.49	17.55	24.00	-162.87	-740.79	-536.41	1,332.37	1,299.05	33.31	39.994	
6,100.00	6,042.49	6,186.51	6,042.49	17.80	24.16	-162.87	-740.79	-536.41	1,332.37	1,298.55	33.82	39.399	
6,200.00	6,142.49	6,286.51	6,142.49	18.06	24.33	-162.87	-740.79	-536.41	1,332.37	1,298.04	34.33	38.816	
6,300.00	6,242.49	6,386.51	6,242.49	18.32	24.49	-162.87	-740.79	-536.41	1,332.37	1,297.53	34.84	38.245	
6,400.00	6,342.49	6,486.51	6,342.49	18.58	24.67	-162.87	-740.79	-536.41	1,332.37	1,297.01	35.35	37.687	
6,500.00	6,442.49	6,586.51	6,442.49	18.84	24.84	-162.87	-740.79	-536.41	1,332.37	1,296.49	35.87	37.142	
6,600.00	6,542.49	6,686.51	6,542.49	19.10	25.02	-162.87	-740.79	-536.41	1,332.37	1,295.97	36.40	36.608	
6,700.00	6,642.49	6,786.51	6,642.49	19.37	25.20	-162.87	-740.79	-536.41	1,332.37	1,295.45	36.92	36.086	
6,800.00	6,742.49	6,886.51	6,742.49	19.63	25.38	-162.87	-740.79	-536.41	1,332.37	1,294.92	37.45	35.575	
6,900.00	6,842.49	6,986.51	6,842.49	19.90	25.57	-162.87	-740.79	-536.41	1,332.37	1,294.38	37.98	35.076	
7,000.00	6,942.49	7,086.51	6,942.49	20.17	25.75	-162.87	-740.79	-536.41	1,332.37	1,293.85	38.52	34.588	
7,100.00	7,042.49	7,186.51	7,042.49	20.44	25.94	-162.87	-740.79	-536.41	1,332.37	1,293.31	39.06	34.111	
7,200.00	7,142.49	7,286.51	7,142.49	20.71	26.14	-162.87	-740.79	-536.41	1,332.37	1,292.77	39.60	33.645	
7,300.00	7,242.49	7,386.51	7,242.49	20.98	26.33	-162.87	-740.79	-536.41	1,332.37	1,292.22	40.15	33.188	
7,400.00	7,342.49	7,486.51	7,342.49	21.26	26.53	-162.87	-740.79	-536.41	1,332.37	1,291.68	40.69	32.742	
7,500.00	7,442.49	7,586.51	7,442.49	21.53	26.73	-162.87	-740.79	-536.41	1,332.37	1,291.13	41.24	32.306	
7,600.00	7,542.49	7,686.51	7,542.49	21.81	26.93	-162.87	-740.79	-536.41	1,332.37	1,290.57	41.79	31.880	
7,700.00	7,642.49	7,786.51	7,642.49	22.09	27.14	-162.87	-740.79	-536.41	1,332.37	1,290.02	42.35	31.463	
7,800.00	7,742.49	7,886.51	7,742.49	22.37	27.34	-162.87	-740.79	-536.41	1,332.37	1,289.46	42.90	31.055	
7,900.00	7,842.49	7,986.51	7,842.49	22.65	27.55	-162.87	-740.79	-536.41	1,332.37	1,288.91	43.46	30.656	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O2CS - NBU 921-26O2CS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 127-MWD, 2347-

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
8,000.00	7,942.49	8,086.51	7,942.49	22.93	27.76	-162.87	-740.79	-536.41	1,332.37	1,288.34	44.02	30.265	
8,100.00	8,042.49	8,186.51	8,042.49	23.21	27.98	-162.87	-740.79	-536.41	1,332.37	1,287.78	44.59	29.883	
8,200.00	8,142.49	8,286.51	8,142.49	23.49	28.19	-162.87	-740.79	-536.41	1,332.37	1,287.22	45.15	29.510	
8,300.00	8,242.49	8,386.51	8,242.49	23.78	28.41	-162.87	-740.79	-536.41	1,332.37	1,286.65	45.72	29.144	
8,400.00	8,342.49	8,486.51	8,342.49	24.06	28.63	-162.87	-740.79	-536.41	1,332.37	1,286.08	46.28	28.787	
8,500.00	8,442.49	8,586.51	8,442.49	24.35	28.85	-162.87	-740.79	-536.41	1,332.37	1,285.51	46.85	28.437	
8,600.00	8,542.49	8,686.51	8,542.49	24.63	29.07	-162.87	-740.79	-536.41	1,332.37	1,284.94	47.43	28.094	
8,700.00	8,642.49	8,786.51	8,642.49	24.92	29.30	-162.87	-740.79	-536.41	1,332.37	1,284.37	48.00	27.759	
8,800.00	8,742.49	8,886.51	8,742.49	25.21	29.52	-162.87	-740.79	-536.41	1,332.37	1,283.80	48.57	27.431	
8,900.00	8,842.49	8,986.51	8,842.49	25.50	29.75	-162.87	-740.79	-536.41	1,332.37	1,283.22	49.15	27.109	
9,000.00	8,942.49	9,086.51	8,942.49	25.78	29.98	-162.87	-740.79	-536.41	1,332.37	1,282.64	49.73	26.794	
9,100.00	9,042.49	9,186.51	9,042.49	26.07	30.21	-162.87	-740.79	-536.41	1,332.37	1,282.06	50.30	26.486	
9,200.00	9,142.49	9,286.51	9,142.49	26.36	30.44	-162.87	-740.79	-536.41	1,332.37	1,281.48	50.88	26.184	
9,300.00	9,242.49	9,386.51	9,242.49	26.66	30.68	-162.87	-740.79	-536.41	1,332.37	1,280.90	51.47	25.888	
9,400.00	9,342.49	9,486.51	9,342.49	26.95	30.91	-162.87	-740.79	-536.41	1,332.37	1,280.32	52.05	25.598	
9,500.00	9,442.49	9,586.51	9,442.49	27.24	31.15	-162.87	-740.79	-536.41	1,332.37	1,279.73	52.63	25.314	
9,600.00	9,542.49	9,686.51	9,542.49	27.53	31.39	-162.87	-740.79	-536.41	1,332.37	1,279.15	53.22	25.036	
9,700.00	9,642.49	9,786.51	9,642.49	27.83	31.63	-162.87	-740.79	-536.41	1,332.37	1,278.56	53.80	24.763	
9,763.97	9,706.46	9,850.48	9,706.46	28.01	31.78	-162.87	-740.79	-536.41	1,332.37	1,278.19	54.18	24.592	
9,800.00	9,742.49	9,879.02	9,735.00	28.12	31.85	-162.87	-740.79	-536.41	1,332.39	1,278.02	54.37	24.506	
9,900.00	9,842.49	9,879.02	9,735.00	28.41	31.85	-162.87	-740.79	-536.41	1,336.70	1,282.02	54.68	24.448	
10,000.00	9,942.49	9,879.02	9,735.00	28.71	31.85	-162.87	-740.79	-536.41	1,348.43	1,293.45	54.98	24.525	
10,100.00	10,042.49	9,879.02	9,735.00	29.00	31.85	-162.87	-740.79	-536.41	1,367.39	1,312.10	55.29	24.733	
10,200.00	10,142.49	9,879.02	9,735.00	29.30	31.85	-162.87	-740.79	-536.41	1,393.29	1,337.70	55.59	25.062	
10,300.00	10,242.49	9,879.02	9,735.00	29.60	31.85	-162.87	-740.79	-536.41	1,425.75	1,369.85	55.90	25.506	
10,400.00	10,342.49	9,879.02	9,735.00	29.89	31.85	-162.87	-740.79	-536.41	1,464.33	1,408.12	56.21	26.053	
10,500.00	10,442.49	9,879.02	9,735.00	30.19	31.85	-162.87	-740.79	-536.41	1,508.56	1,452.05	56.51	26.694	
10,600.00	10,542.49	9,879.02	9,735.00	30.49	31.85	-162.87	-740.79	-536.41	1,557.96	1,501.14	56.82	27.419	
10,700.00	10,642.49	9,879.02	9,735.00	30.79	31.85	-162.87	-740.79	-536.41	1,612.06	1,554.94	57.13	28.219	
10,797.51	10,740.00	9,879.02	9,735.00	31.08	31.85	-162.87	-740.79	-536.41	1,668.90	1,611.47	57.43	29.061	

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O2DS - NBU 921-26O2DS - NBU 921-26O2DS

Offset Site Error: 0.00 ft

Survey Program: 110-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	87.93	0.36	10.08	10.09				
169.00	169.00	169.05	169.05	0.16	0.21	125.08	0.92	9.70	9.92	9.55	0.37	26.469	
199.00	199.00	199.03	199.03	0.23	0.28	114.71	1.03	9.57	9.88	9.38	0.50	19.614	
203.44	203.44	203.47	203.47	0.24	0.29	115.02	1.04	9.55	9.88	9.36	0.52	18.899	
228.00	228.00	228.06	228.06	0.29	0.34	117.12	1.01	9.43	9.86	9.23	0.63	15.688	
256.00	256.00	256.06	256.06	0.36	0.40	103.69	0.82	9.25	9.79	9.05	0.75	13.074	
281.87	281.86	281.92	281.92	0.41	0.45	102.62	0.56	9.07	9.75	8.89	0.86	11.321	CC
285.00	284.99	285.05	285.04	0.42	0.46	102.92	0.52	9.05	9.75	8.88	0.88	11.146	ES
313.00	312.97	313.02	313.01	0.49	0.52	118.40	0.17	8.86	9.95	8.95	1.00	9.952	
342.00	341.95	342.00	341.98	0.56	0.58	128.25	-0.31	8.59	10.51	9.38	1.13	9.287	
371.00	370.90	370.88	370.86	0.63	0.65	141.44	-1.04	8.21	11.68	10.41	1.27	9.188	SF
401.00	400.82	400.62	400.56	0.70	0.72	149.25	-2.16	7.74	13.81	12.39	1.42	9.733	
430.00	429.72	429.19	429.09	0.77	0.78	158.68	-3.65	7.27	16.80	15.23	1.57	10.723	
461.00	460.59	459.57	459.40	0.85	0.86	165.34	-5.71	6.73	20.96	19.23	1.72	12.154	
490.00	489.45	487.95	487.68	0.92	0.93	170.94	-8.06	6.09	25.49	23.63	1.87	13.659	
517.00	516.33	514.18	513.78	0.99	0.99	175.02	-10.54	5.35	30.15	28.15	2.00	15.091	
547.00	546.19	543.22	542.63	1.06	1.07	176.37	-13.68	4.40	35.73	33.60	2.13	16.752	
578.00	577.04	572.88	572.04	1.14	1.15	179.28	-17.32	3.28	42.18	39.89	2.29	18.437	
608.00	606.85	601.44	600.31	1.22	1.24	-177.04	-21.26	2.07	49.25	46.81	2.44	20.171	
638.00	636.63	629.73	628.24	1.31	1.33	-172.95	-25.51	0.73	57.01	54.41	2.59	21.970	
668.00	666.35	657.47	655.57	1.40	1.43	-170.07	-30.07	-0.69	65.55	62.80	2.75	23.813	
698.00	696.01	685.07	682.68	1.50	1.53	-170.23	-35.03	-2.18	75.03	72.12	2.91	25.750	
728.00	725.60	712.78	709.84	1.60	1.63	-167.90	-40.26	-3.78	85.24	82.17	3.07	27.773	
758.00	755.10	740.19	736.69	1.71	1.74	-168.51	-45.57	-5.39	96.03	92.81	3.22	29.808	
788.00	784.51	767.01	762.91	1.82	1.85	-167.54	-50.97	-6.97	107.47	104.10	3.37	31.863	
818.00	813.85	793.61	788.87	1.94	1.96	-167.10	-56.56	-8.56	119.49	115.96	3.52	33.911	
848.00	843.14	820.23	814.81	2.07	2.07	-168.35	-62.31	-10.21	131.93	128.26	3.67	35.924	
878.00	872.36	845.92	839.79	2.19	2.19	-170.19	-68.06	-11.89	144.87	141.05	3.82	37.928	
968.00	959.83	924.69	916.21	2.59	2.55	-169.62	-86.36	-17.38	185.25	181.00	4.25	43.570	
1,058.00	1,047.08	1,003.92	992.89	3.01	2.91	-166.54	-105.47	-23.08	227.19	222.51	4.69	48.468	
1,148.00	1,134.31	1,082.54	1,069.03	3.40	3.26	-165.51	-124.40	-27.98	269.03	263.94	5.10	52.782	
1,238.00	1,221.68	1,166.76	1,150.70	3.79	3.60	-164.27	-144.38	-32.80	310.05	304.55	5.50	56.361	
1,328.00	1,308.97	1,251.20	1,232.91	4.21	3.93	-164.60	-163.17	-37.18	350.09	344.17	5.92	59.110	
1,418.00	1,396.43	1,332.44	1,312.06	4.62	4.28	-164.02	-180.91	-41.76	389.13	382.76	6.37	61.088	
1,508.00	1,484.27	1,414.91	1,392.41	4.98	4.64	-166.46	-198.76	-46.83	426.59	419.78	6.80	62.728	
1,598.00	1,572.12	1,498.41	1,473.77	5.36	5.01	-163.87	-216.57	-52.81	463.77	456.53	7.24	64.087	
1,688.00	1,659.75	1,577.35	1,550.64	5.77	5.35	-160.02	-233.55	-58.68	501.70	494.00	7.70	65.195	
1,778.00	1,747.24	1,655.54	1,626.69	6.20	5.70	-160.06	-250.82	-64.32	540.48	532.31	8.16	66.230	
1,868.00	1,834.80	1,731.92	1,700.87	6.60	6.07	-164.22	-268.17	-69.86	579.72	571.10	8.62	67.233	
1,958.00	1,922.45	1,814.35	1,780.86	6.99	6.44	-167.09	-287.23	-75.64	619.26	610.20	9.06	68.326	
2,048.00	2,009.98	1,898.32	1,862.41	7.41	6.81	-166.66	-306.43	-81.21	659.14	649.63	9.51	69.292	
2,138.00	2,097.47	1,983.39	1,945.27	7.81	7.18	-167.60	-325.02	-86.19	698.33	688.36	9.97	70.051	
2,228.00	2,185.32	2,062.41	2,022.16	8.19	7.54	-164.62	-342.56	-91.09	736.38	725.92	10.46	70.430	
2,318.00	2,273.45	2,156.36	2,113.73	8.55	7.94	-162.62	-362.66	-97.12	772.35	761.43	10.92	70.714	
2,408.00	2,361.49	2,247.33	2,202.66	8.93	8.31	-164.27	-380.92	-102.99	807.64	796.27	11.37	71.035	
2,437.00	2,389.80	2,273.17	2,227.93	9.06	8.42	-163.85	-386.04	-104.73	819.17	807.66	11.51	71.175	
2,500.00	2,451.28	2,325.97	2,279.54	9.34	8.64	-163.82	-396.59	-108.30	844.47	832.64	11.83	71.404	
2,542.20	2,492.45	2,361.05	2,313.79	9.53	8.79	-163.81	-403.82	-110.58	861.66	849.62	12.04	71.553	
2,565.99	2,515.65	2,381.54	2,333.79	9.64	8.88	-165.92	-408.09	-111.87	871.52	859.38	12.14	71.778	
2,586.42	2,535.53	2,399.26	2,351.08	9.74	8.96	-165.91	-411.80	-112.95	880.12	867.87	12.25	71.861	
2,600.00	2,548.76	2,411.34	2,362.88	9.80	9.01	-165.94	-414.34	-113.66	885.82	873.49	12.33	71.869	
2,700.00	2,646.55	2,417.00	2,368.40	10.22	9.03	-166.14	-415.53	-113.99	930.21	917.54	12.67	73.420	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O2DS - NBU 921-26O2DS - NBU 921-26O2DS

Offset Site Error: 0.00 ft

Survey Program: 110-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
2,800.00	2,744.93	2,417.00	2,368.40	10.60	9.03	-166.38	-415.53	-113.99	980.32	967.34	12.99	75.491	
2,900.00	2,843.81	2,417.00	2,368.40	10.94	9.03	-166.65	-415.53	-113.99	1,035.29	1,022.00	13.29	77.927	
3,000.00	2,943.10	2,417.00	2,368.40	11.25	9.03	-166.95	-415.53	-113.99	1,094.33	1,080.76	13.57	80.665	
3,100.00	3,042.71	2,417.00	2,368.40	11.52	9.03	-167.26	-415.53	-113.99	1,156.77	1,142.94	13.83	83.654	
3,200.00	3,142.53	2,417.00	2,368.40	11.74	9.03	-167.59	-415.53	-113.99	1,222.04	1,207.97	14.07	86.855	
3,300.00	3,242.49	2,417.00	2,368.40	11.93	9.03	-167.93	-415.53	-113.99	1,289.65	1,275.36	14.29	90.236	
3,339.51	3,282.00	2,417.00	2,368.40	11.99	9.03	178.19	-415.53	-113.99	1,316.92	1,302.54	14.37	91.616	
3,400.00	3,342.49	2,417.00	2,368.40	12.08	9.03	178.19	-415.53	-113.99	1,359.58	1,345.08	14.50	93.741	
3,500.00	3,442.49	2,417.00	2,368.40	12.23	9.03	178.19	-415.53	-113.99	1,432.93	1,418.21	14.72	97.350	
3,600.00	3,542.49	2,417.00	2,368.40	12.39	9.03	178.19	-415.53	-113.99	1,509.34	1,494.40	14.94	101.018	
3,700.00	3,642.49	2,417.00	2,368.40	12.56	9.03	178.19	-415.53	-113.99	1,588.37	1,573.20	15.17	104.712	
3,800.00	3,742.49	2,417.00	2,368.40	12.73	9.03	178.19	-415.53	-113.99	1,669.65	1,654.25	15.40	108.405	
3,900.00	3,842.49	2,417.00	2,368.40	12.90	9.03	178.19	-415.53	-113.99	1,752.87	1,737.23	15.64	112.077	
4,000.00	3,942.49	2,417.00	2,368.40	13.08	9.03	178.19	-415.53	-113.99	1,837.76	1,821.88	15.88	115.711	
4,100.00	4,042.49	2,417.00	2,368.40	13.27	9.03	178.19	-415.53	-113.99	1,924.11	1,907.98	16.13	119.295	
4,200.00	4,142.49	2,417.00	2,368.40	13.46	9.03	178.19	-415.53	-113.99	2,011.72	1,995.34	16.38	122.818	
4,300.00	4,242.49	2,417.00	2,368.40	13.66	9.03	178.19	-415.53	-113.99	2,100.44	2,083.80	16.63	126.274	
4,400.00	4,342.49	2,417.00	2,368.40	13.86	9.03	178.19	-415.53	-113.99	2,190.12	2,173.23	16.89	129.658	
4,500.00	4,442.49	2,417.00	2,368.40	14.07	9.03	178.19	-415.53	-113.99	2,280.67	2,263.52	17.15	132.966	
4,600.00	4,542.49	2,417.00	2,368.40	14.27	9.03	178.19	-415.53	-113.99	2,371.98	2,354.56	17.42	136.195	
4,700.00	4,642.49	2,417.00	2,368.40	14.49	9.03	178.19	-415.53	-113.99	2,463.96	2,446.28	17.68	139.345	
4,800.00	4,742.49	2,417.00	2,368.40	14.70	9.03	178.19	-415.53	-113.99	2,556.54	2,538.59	17.95	142.414	
4,900.00	4,842.49	2,417.00	2,368.40	14.93	9.03	178.19	-415.53	-113.99	2,649.67	2,631.45	18.22	145.404	
5,000.00	4,942.49	2,417.00	2,368.40	15.15	9.03	178.19	-415.53	-113.99	2,743.28	2,724.78	18.50	148.314	
5,100.00	5,042.49	2,417.00	2,368.40	15.38	9.03	178.19	-415.53	-113.99	2,837.32	2,818.55	18.77	151.146	
5,200.00	5,142.49	2,417.00	2,368.40	15.61	9.03	178.19	-415.53	-113.99	2,931.76	2,912.71	19.05	153.900	
5,300.00	5,242.49	2,417.00	2,368.40	15.84	9.03	178.19	-415.53	-113.99	3,026.55	3,007.22	19.33	156.580	
5,400.00	5,342.49	2,417.00	2,368.40	16.08	9.03	178.19	-415.53	-113.99	3,121.67	3,102.06	19.61	159.186	
5,500.00	5,442.49	2,417.00	2,368.40	16.32	9.03	178.19	-415.53	-113.99	3,217.09	3,197.19	19.89	161.720	
5,600.00	5,542.49	2,417.00	2,368.40	16.56	9.03	178.19	-415.53	-113.99	3,312.77	3,292.60	20.18	164.184	
5,700.00	5,642.49	2,417.00	2,368.40	16.80	9.03	178.19	-415.53	-113.99	3,408.71	3,388.25	20.46	166.581	
5,800.00	5,742.49	2,417.00	2,368.40	17.05	9.03	178.19	-415.53	-113.99	3,504.87	3,484.12	20.75	168.911	
5,900.00	5,842.49	2,417.00	2,368.40	17.30	9.03	178.19	-415.53	-113.99	3,601.24	3,580.20	21.04	171.178	
6,000.00	5,942.49	2,417.00	2,368.40	17.55	9.03	178.19	-415.53	-113.99	3,697.80	3,676.48	21.33	173.383	
6,100.00	6,042.49	2,417.00	2,368.40	17.80	9.03	178.19	-415.53	-113.99	3,794.54	3,772.93	21.62	175.528	
6,200.00	6,142.49	2,417.00	2,368.40	18.06	9.03	178.19	-415.53	-113.99	3,891.45	3,869.54	21.91	177.615	
6,300.00	6,242.49	2,417.00	2,368.40	18.32	9.03	178.19	-415.53	-113.99	3,988.51	3,966.31	22.20	179.646	
6,400.00	6,342.49	2,417.00	2,368.40	18.58	9.03	178.19	-415.53	-113.99	4,085.71	4,063.21	22.50	181.623	
6,500.00	6,442.49	2,417.00	2,368.40	18.84	9.03	178.19	-415.53	-113.99	4,183.04	4,160.25	22.79	183.547	
6,600.00	6,542.49	2,417.00	2,368.40	19.10	9.03	178.19	-415.53	-113.99	4,280.50	4,257.41	23.09	185.421	
6,700.00	6,642.49	2,417.00	2,368.40	19.37	9.03	178.19	-415.53	-113.99	4,378.07	4,354.69	23.38	187.247	
6,800.00	6,742.49	2,417.00	2,368.40	19.63	9.03	178.19	-415.53	-113.99	4,475.75	4,452.07	23.68	189.025	
6,900.00	6,842.49	2,417.00	2,368.40	19.90	9.03	178.19	-415.53	-113.99	4,573.52	4,549.55	23.98	190.757	
7,000.00	6,942.49	2,417.00	2,368.40	20.17	9.03	178.19	-415.53	-113.99	4,671.40	4,647.12	24.27	192.445	
7,100.00	7,042.49	2,417.00	2,368.40	20.44	9.03	178.19	-415.53	-113.99	4,769.36	4,744.78	24.57	194.091	
7,200.00	7,142.49	2,417.00	2,368.40	20.71	9.03	178.19	-415.53	-113.99	4,867.40	4,842.53	24.87	195.695	
7,300.00	7,242.49	2,417.00	2,368.40	20.98	9.03	178.19	-415.53	-113.99	4,965.52	4,940.35	25.17	197.260	
7,400.00	7,342.49	2,417.00	2,368.40	21.26	9.03	178.19	-415.53	-113.99	5,063.72	5,038.24	25.47	198.787	
7,500.00	7,442.49	2,417.00	2,368.40	21.53	9.03	178.19	-415.53	-113.99	5,161.98	5,136.20	25.77	200.276	
7,600.00	7,542.49	2,417.00	2,368.40	21.81	9.03	178.19	-415.53	-113.99	5,260.31	5,234.23	26.08	201.729	
7,700.00	7,642.49	2,417.00	2,368.40	22.09	9.03	178.19	-415.53	-113.99	5,358.70	5,332.32	26.38	203.148	
7,800.00	7,742.49	2,417.00	2,368.40	22.37	9.03	178.19	-415.53	-113.99	5,457.15	5,430.47	26.68	204.533	

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O2DS - NBU 921-26O2DS - NBU 921-26O2DS

Offset Site Error: 0.00 ft

Survey Program: 110-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
7,900.00	7,842.49	2,417.00	2,368.40	22.65	9.03	178.19	-415.53	-113.99	5,555.66	5,528.67	26.98	205.886	
8,000.00	7,942.49	2,417.00	2,368.40	22.93	9.03	178.19	-415.53	-113.99	5,654.21	5,626.93	27.29	207.207	
8,100.00	8,042.49	2,417.00	2,368.40	23.21	9.03	178.19	-415.53	-113.99	5,752.82	5,725.23	27.59	208.498	
8,200.00	8,142.49	2,417.00	2,368.40	23.49	9.03	178.19	-415.53	-113.99	5,851.48	5,823.58	27.90	209.759	
8,300.00	8,242.49	2,417.00	2,368.40	23.78	9.03	178.19	-415.53	-113.99	5,950.17	5,921.97	28.20	210.992	
8,400.00	8,342.49	2,417.00	2,368.40	24.06	9.03	178.19	-415.53	-113.99	6,048.92	6,020.41	28.51	212.197	
8,500.00	8,442.49	2,417.00	2,368.40	24.35	9.03	178.19	-415.53	-113.99	6,147.70	6,118.89	28.81	213.376	
8,600.00	8,542.49	2,417.00	2,368.40	24.63	9.03	178.19	-415.53	-113.99	6,246.52	6,217.40	29.12	214.529	
8,700.00	8,642.49	2,417.00	2,368.40	24.92	9.03	178.19	-415.53	-113.99	6,345.38	6,315.96	29.42	215.657	
8,800.00	8,742.49	2,417.00	2,368.40	25.21	9.03	178.19	-415.53	-113.99	6,444.27	6,414.54	29.73	216.760	
8,900.00	8,842.49	2,417.00	2,368.40	25.50	9.03	178.19	-415.53	-113.99	6,543.20	6,513.17	30.04	217.840	
9,000.00	8,942.49	2,417.00	2,368.40	25.78	9.03	178.19	-415.53	-113.99	6,642.16	6,611.82	30.34	218.897	
9,100.00	9,042.49	2,417.00	2,368.40	26.07	9.03	178.19	-415.53	-113.99	6,741.15	6,710.50	30.65	219.932	
9,200.00	9,142.49	2,417.00	2,368.40	26.36	9.03	178.19	-415.53	-113.99	6,840.17	6,809.21	30.96	220.945	
9,300.00	9,242.49	2,417.00	2,368.40	26.66	9.03	178.19	-415.53	-113.99	6,939.22	6,907.95	31.27	221.937	
9,400.00	9,342.49	2,417.00	2,368.40	26.95	9.03	178.19	-415.53	-113.99	7,038.29	7,006.72	31.57	222.910	
9,500.00	9,442.49	2,417.00	2,368.40	27.24	9.03	178.19	-415.53	-113.99	7,137.39	7,105.51	31.88	223.862	
9,600.00	9,542.49	2,417.00	2,368.40	27.53	9.03	178.19	-415.53	-113.99	7,236.52	7,204.33	32.19	224.796	
9,700.00	9,642.49	2,417.00	2,368.40	27.83	9.03	178.19	-415.53	-113.99	7,335.67	7,303.17	32.50	225.711	
9,800.00	9,742.49	2,417.00	2,368.40	28.12	9.03	178.19	-415.53	-113.99	7,434.84	7,402.03	32.81	226.608	
9,900.00	9,842.49	2,417.00	2,368.40	28.41	9.03	178.19	-415.53	-113.99	7,534.03	7,500.92	33.12	227.487	
10,000.00	9,942.49	2,417.00	2,368.40	28.71	9.03	178.19	-415.53	-113.99	7,633.25	7,599.82	33.43	228.350	
10,100.00	10,042.49	2,417.00	2,368.40	29.00	9.03	178.19	-415.53	-113.99	7,732.48	7,698.75	33.74	229.196	
10,200.00	10,142.49	2,417.00	2,368.40	29.30	9.03	178.19	-415.53	-113.99	7,831.74	7,797.69	34.05	230.026	
10,300.00	10,242.49	2,417.00	2,368.40	29.60	9.03	178.19	-415.53	-113.99	7,931.01	7,896.66	34.36	230.840	
10,400.00	10,342.49	2,417.00	2,368.40	29.89	9.03	178.19	-415.53	-113.99	8,030.30	7,995.64	34.67	231.639	
10,500.00	10,442.49	2,417.00	2,368.40	30.19	9.03	178.19	-415.53	-113.99	8,129.61	8,094.63	34.98	232.423	
10,600.00	10,542.49	2,417.00	2,368.40	30.49	9.03	178.19	-415.53	-113.99	8,228.94	8,193.65	35.29	233.193	
10,700.00	10,642.49	2,417.00	2,368.40	30.79	9.03	178.19	-415.53	-113.99	8,328.28	8,292.68	35.60	233.949	
10,797.51	10,740.00	2,417.00	2,368.40	31.08	9.03	178.19	-415.53	-113.99	8,425.16	8,389.26	35.90	234.673	

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O2DS - NBU 921-26O2DS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 110-MWD, 2417-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	87.93	0.36	10.08	10.09				
169.00	169.00	169.05	169.05	0.16	0.21	125.08	0.92	9.70	9.92	9.55	0.37	26.469	
199.00	199.00	199.03	199.03	0.23	0.28	114.71	1.03	9.57	9.88	9.38	0.50	19.614	
203.44	203.44	203.47	203.47	0.24	0.29	115.02	1.04	9.55	9.88	9.36	0.52	18.899	
228.00	228.00	228.06	228.06	0.29	0.34	117.12	1.01	9.43	9.86	9.23	0.63	15.688	
256.00	256.00	256.06	256.06	0.36	0.40	103.69	0.82	9.25	9.79	9.05	0.75	13.074	
281.87	281.86	281.92	281.92	0.41	0.45	102.62	0.56	9.07	9.75	8.89	0.86	11.321	CC
285.00	284.99	285.05	285.04	0.42	0.46	102.92	0.52	9.05	9.75	8.88	0.88	11.146	ES
313.00	312.97	313.02	313.01	0.49	0.52	118.40	0.17	8.86	9.95	8.95	1.00	9.952	
342.00	341.95	342.00	341.98	0.56	0.58	128.25	-0.31	8.59	10.51	9.38	1.13	9.287	
371.00	370.90	370.88	370.86	0.63	0.65	141.44	-1.04	8.21	11.68	10.41	1.27	9.188	SF
401.00	400.82	400.62	400.56	0.70	0.72	149.25	-2.16	7.74	13.81	12.39	1.42	9.733	
430.00	429.72	429.19	429.09	0.77	0.78	158.68	-3.65	7.27	16.80	15.23	1.57	10.723	
461.00	460.59	459.57	459.40	0.85	0.86	165.34	-5.71	6.73	20.96	19.23	1.72	12.154	
490.00	489.45	487.95	487.68	0.92	0.93	170.94	-8.06	6.09	25.49	23.63	1.87	13.659	
517.00	516.33	514.18	513.78	0.99	0.99	175.02	-10.54	5.35	30.15	28.15	2.00	15.091	
547.00	546.19	543.22	542.63	1.06	1.07	176.37	-13.68	4.40	35.73	33.60	2.13	16.752	
578.00	577.04	572.88	572.04	1.14	1.15	179.28	-17.32	3.28	42.18	39.89	2.29	18.437	
608.00	606.85	601.44	600.31	1.22	1.24	-177.04	-21.26	2.07	49.25	46.81	2.44	20.171	
638.00	636.63	629.73	628.24	1.31	1.33	-172.95	-25.51	0.73	57.01	54.41	2.59	21.970	
668.00	666.35	657.47	655.57	1.40	1.43	-170.07	-30.07	-0.69	65.55	62.80	2.75	23.813	
698.00	696.01	685.07	682.68	1.50	1.53	-170.23	-35.03	-2.18	75.03	72.12	2.91	25.750	
728.00	725.60	712.78	709.84	1.60	1.63	-167.90	-40.26	-3.78	85.24	82.17	3.07	27.773	
758.00	755.10	740.19	736.69	1.71	1.74	-168.51	-45.57	-5.39	96.03	92.81	3.22	29.808	
788.00	784.51	767.01	762.91	1.82	1.85	-167.54	-50.97	-6.97	107.47	104.10	3.37	31.863	
818.00	813.85	793.61	788.87	1.94	1.96	-167.10	-56.56	-8.56	119.49	115.96	3.52	33.911	
848.00	843.14	820.23	814.81	2.07	2.07	-168.35	-62.31	-10.21	131.93	128.26	3.67	35.924	
878.00	872.36	845.92	839.79	2.19	2.19	-170.19	-68.06	-11.89	144.87	141.05	3.82	37.928	
968.00	959.83	924.69	916.21	2.59	2.55	-169.62	-86.36	-17.38	185.25	181.00	4.25	43.570	
1,058.00	1,047.08	1,003.92	992.89	3.01	2.91	-166.54	-105.47	-23.08	227.19	222.51	4.69	48.468	
1,148.00	1,134.31	1,082.54	1,069.03	3.40	3.26	-165.51	-124.40	-27.98	269.03	263.94	5.10	52.782	
1,238.00	1,221.68	1,166.76	1,150.70	3.79	3.60	-164.27	-144.38	-32.80	310.05	304.55	5.50	56.361	
1,328.00	1,308.97	1,251.20	1,232.91	4.21	3.93	-164.60	-163.17	-37.18	350.09	344.17	5.92	59.110	
1,418.00	1,396.43	1,332.44	1,312.06	4.62	4.28	-164.02	-180.91	-41.76	389.13	382.76	6.37	61.088	
1,508.00	1,484.27	1,414.91	1,392.41	4.98	4.64	-166.46	-198.76	-46.83	426.59	419.78	6.80	62.728	
1,598.00	1,572.12	1,498.41	1,473.77	5.36	5.01	-163.87	-216.57	-52.81	463.77	456.53	7.24	64.087	
1,688.00	1,659.75	1,577.35	1,550.64	5.77	5.35	-160.02	-233.55	-58.68	501.70	494.00	7.70	65.195	
1,778.00	1,747.24	1,655.54	1,626.69	6.20	5.70	-160.06	-250.82	-64.32	540.48	532.31	8.16	66.230	
1,868.00	1,834.80	1,731.92	1,700.87	6.60	6.07	-164.22	-268.17	-69.86	579.72	571.10	8.62	67.233	
1,958.00	1,922.45	1,814.35	1,780.86	6.99	6.44	-167.09	-287.23	-75.64	619.26	610.20	9.06	68.326	
2,048.00	2,009.98	1,898.32	1,862.41	7.41	6.81	-166.66	-306.43	-81.21	659.14	649.63	9.51	69.292	
2,138.00	2,097.47	1,983.39	1,945.27	7.81	7.18	-167.60	-325.02	-86.19	698.33	688.36	9.97	70.051	
2,228.00	2,185.32	2,062.41	2,022.16	8.19	7.54	-164.62	-342.56	-91.09	736.38	725.92	10.46	70.430	
2,318.00	2,273.45	2,156.36	2,113.73	8.55	7.94	-162.62	-362.66	-97.12	772.35	761.43	10.92	70.714	
2,408.00	2,361.49	2,247.33	2,202.66	8.93	8.31	-164.27	-380.92	-102.99	807.64	796.27	11.37	71.035	
2,437.00	2,389.80	2,273.17	2,227.93	9.06	8.42	-163.85	-386.04	-104.73	819.17	807.66	11.51	71.175	
2,500.00	2,451.28	2,325.97	2,279.54	9.34	8.64	-163.82	-396.59	-108.30	844.47	832.64	11.83	71.404	
2,542.20	2,492.45	2,361.05	2,313.79	9.53	8.79	-163.81	-403.82	-110.58	861.66	849.62	12.04	71.553	
2,565.99	2,515.65	2,381.54	2,333.79	9.64	8.88	-165.92	-408.09	-111.87	871.52	859.38	12.14	71.778	
2,586.42	2,535.53	2,399.26	2,351.08	9.74	8.96	-165.91	-411.80	-112.95	880.12	867.87	12.25	71.861	
2,600.00	2,548.76	2,411.34	2,362.88	9.80	9.01	-165.94	-414.34	-113.66	885.82	873.49	12.33	71.869	
2,700.00	2,646.55	2,503.07	2,452.40	10.22	9.41	-166.06	-433.59	-119.05	926.22	913.31	12.92	71.704	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O2DS - NBU 921-26O2DS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 110-MWD, 2417-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
2,800.00	2,744.93	2,658.79	2,605.21	10.60	10.02	-166.11	-462.16	-127.34	961.77	948.15	13.62	70.605	
2,900.00	2,843.81	2,779.73	2,725.10	10.94	10.41	-166.18	-477.32	-132.29	988.35	974.13	14.22	69.522	
3,000.00	2,943.10	2,893.74	2,838.25	11.25	10.77	-166.21	-490.55	-136.68	1,011.40	996.60	14.79	68.377	
3,100.00	3,042.71	3,033.67	2,977.62	11.52	11.12	-166.23	-502.24	-140.56	1,028.27	1,012.88	15.39	66.819	
3,200.00	3,142.53	3,175.72	3,119.52	11.74	11.41	-166.27	-508.31	-142.57	1,038.15	1,022.20	15.96	65.065	
3,300.00	3,242.49	3,298.70	3,242.49	11.93	11.61	-166.31	-509.16	-142.85	1,041.40	1,024.95	16.45	63.321	
3,339.51	3,282.00	3,338.21	3,282.00	11.99	11.67	179.94	-509.16	-142.85	1,041.63	1,025.02	16.62	62.687	
3,400.00	3,342.49	3,398.70	3,342.49	12.08	11.77	179.94	-509.16	-142.85	1,041.63	1,024.76	16.87	61.729	
3,500.00	3,442.49	3,498.70	3,442.49	12.23	11.93	179.94	-509.16	-142.85	1,041.63	1,024.32	17.31	60.178	
3,600.00	3,542.49	3,598.70	3,542.49	12.39	12.09	179.94	-509.16	-142.85	1,041.63	1,023.88	17.76	58.663	
3,700.00	3,642.49	3,698.70	3,642.49	12.56	12.27	179.94	-509.16	-142.85	1,041.63	1,023.42	18.21	57.187	
3,800.00	3,742.49	3,798.70	3,742.49	12.73	12.44	179.94	-509.16	-142.85	1,041.63	1,022.95	18.68	55.753	
3,900.00	3,842.49	3,898.70	3,842.49	12.90	12.63	179.94	-509.16	-142.85	1,041.63	1,022.47	19.16	54.361	
4,000.00	3,942.49	3,998.70	3,942.49	13.08	12.82	179.94	-509.16	-142.85	1,041.63	1,021.98	19.65	53.013	
4,100.00	4,042.49	4,098.70	4,042.49	13.27	13.01	179.94	-509.16	-142.85	1,041.63	1,021.49	20.14	51.709	
4,200.00	4,142.49	4,198.70	4,142.49	13.46	13.21	179.94	-509.16	-142.85	1,041.63	1,020.99	20.65	50.449	
4,300.00	4,242.49	4,298.70	4,242.49	13.66	13.41	179.94	-509.16	-142.85	1,041.63	1,020.47	21.16	49.232	
4,400.00	4,342.49	4,398.70	4,342.49	13.86	13.62	179.94	-509.16	-142.85	1,041.63	1,019.96	21.67	48.058	
4,500.00	4,442.49	4,498.70	4,442.49	14.07	13.84	179.94	-509.16	-142.85	1,041.63	1,019.43	22.20	46.926	
4,600.00	4,542.49	4,598.70	4,542.49	14.27	14.05	179.94	-509.16	-142.85	1,041.63	1,018.91	22.73	45.834	
4,700.00	4,642.49	4,698.70	4,642.49	14.49	14.27	179.94	-509.16	-142.85	1,041.63	1,018.37	23.26	44.781	
4,800.00	4,742.49	4,798.70	4,742.49	14.70	14.50	179.94	-509.16	-142.85	1,041.63	1,017.83	23.80	43.766	
4,900.00	4,842.49	4,898.70	4,842.49	14.93	14.72	179.94	-509.16	-142.85	1,041.63	1,017.29	24.34	42.789	
5,000.00	4,942.49	4,998.70	4,942.49	15.15	14.95	179.94	-509.16	-142.85	1,041.63	1,016.74	24.89	41.846	
5,100.00	5,042.49	5,098.70	5,042.49	15.38	15.19	179.94	-509.16	-142.85	1,041.63	1,016.19	25.44	40.938	
5,200.00	5,142.49	5,198.70	5,142.49	15.61	15.42	179.94	-509.16	-142.85	1,041.63	1,015.63	26.00	40.062	
5,300.00	5,242.49	5,298.70	5,242.49	15.84	15.66	179.94	-509.16	-142.85	1,041.63	1,015.07	26.56	39.218	
5,400.00	5,342.49	5,398.70	5,342.49	16.08	15.90	179.94	-509.16	-142.85	1,041.63	1,014.51	27.12	38.404	
5,500.00	5,442.49	5,498.70	5,442.49	16.32	16.15	179.94	-509.16	-142.85	1,041.63	1,013.94	27.69	37.619	
5,600.00	5,542.49	5,598.70	5,542.49	16.56	16.40	179.94	-509.16	-142.85	1,041.63	1,013.37	28.26	36.861	
5,700.00	5,642.49	5,698.70	5,642.49	16.80	16.65	179.94	-509.16	-142.85	1,041.63	1,012.80	28.83	36.130	
5,800.00	5,742.49	5,798.70	5,742.49	17.05	16.90	179.94	-509.16	-142.85	1,041.63	1,012.23	29.40	35.424	
5,900.00	5,842.49	5,898.70	5,842.49	17.30	17.15	179.94	-509.16	-142.85	1,041.63	1,011.65	29.98	34.742	
6,000.00	5,942.49	5,998.70	5,942.49	17.55	17.41	179.94	-509.16	-142.85	1,041.63	1,011.07	30.56	34.084	
6,100.00	6,042.49	6,098.70	6,042.49	17.80	17.67	179.94	-509.16	-142.85	1,041.63	1,010.49	31.14	33.447	
6,200.00	6,142.49	6,198.70	6,142.49	18.06	17.93	179.94	-509.16	-142.85	1,041.63	1,009.91	31.73	32.832	
6,300.00	6,242.49	6,298.70	6,242.49	18.32	18.19	179.94	-509.16	-142.85	1,041.63	1,009.32	32.31	32.237	
6,400.00	6,342.49	6,398.70	6,342.49	18.58	18.45	179.94	-509.16	-142.85	1,041.63	1,008.73	32.90	31.661	
6,500.00	6,442.49	6,498.70	6,442.49	18.84	18.72	179.94	-509.16	-142.85	1,041.63	1,008.14	33.49	31.104	
6,600.00	6,542.49	6,598.70	6,542.49	19.10	18.99	179.94	-509.16	-142.85	1,041.63	1,007.55	34.08	30.565	
6,700.00	6,642.49	6,698.70	6,642.49	19.37	19.26	179.94	-509.16	-142.85	1,041.63	1,006.96	34.67	30.043	
6,800.00	6,742.49	6,798.70	6,742.49	19.63	19.53	179.94	-509.16	-142.85	1,041.63	1,006.37	35.27	29.537	
6,900.00	6,842.49	6,898.70	6,842.49	19.90	19.80	179.94	-509.16	-142.85	1,041.63	1,005.77	35.86	29.046	
7,000.00	6,942.49	6,998.70	6,942.49	20.17	20.07	179.94	-509.16	-142.85	1,041.63	1,005.17	36.46	28.571	
7,100.00	7,042.49	7,098.70	7,042.49	20.44	20.34	179.94	-509.16	-142.85	1,041.63	1,004.58	37.06	28.110	
7,200.00	7,142.49	7,198.70	7,142.49	20.71	20.62	179.94	-509.16	-142.85	1,041.63	1,003.98	37.66	27.662	
7,300.00	7,242.49	7,298.70	7,242.49	20.98	20.90	179.94	-509.16	-142.85	1,041.63	1,003.38	38.26	27.228	
7,400.00	7,342.49	7,398.70	7,342.49	21.26	21.17	179.94	-509.16	-142.85	1,041.63	1,002.77	38.86	26.807	
7,500.00	7,442.49	7,498.70	7,442.49	21.53	21.45	179.94	-509.16	-142.85	1,041.63	1,002.17	39.46	26.397	
7,600.00	7,542.49	7,598.70	7,542.49	21.81	21.73	179.94	-509.16	-142.85	1,041.63	1,001.57	40.06	25.999	
7,700.00	7,642.49	7,698.70	7,642.49	22.09	22.01	179.94	-509.16	-142.85	1,041.63	1,000.96	40.67	25.613	
7,800.00	7,742.49	7,798.70	7,742.49	22.37	22.30	179.94	-509.16	-142.85	1,041.63	1,000.36	41.27	25.237	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O2DS - NBU 921-26O2DS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 110-MWD, 2417-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
7,900.00	7,842.49	7,898.70	7,842.49	22.65	22.58	179.94	-509.16	-142.85	1,041.63	999.75	41.88	24.872	
8,000.00	7,942.49	7,998.70	7,942.49	22.93	22.86	179.94	-509.16	-142.85	1,041.63	999.14	42.49	24.516	
8,100.00	8,042.49	8,098.70	8,042.49	23.21	23.15	179.94	-509.16	-142.85	1,041.63	998.54	43.10	24.170	
8,200.00	8,142.49	8,198.70	8,142.49	23.49	23.43	179.94	-509.16	-142.85	1,041.63	997.93	43.70	23.833	
8,300.00	8,242.49	8,298.70	8,242.49	23.78	23.72	179.94	-509.16	-142.85	1,041.63	997.32	44.31	23.505	
8,400.00	8,342.49	8,398.70	8,342.49	24.06	24.01	179.94	-509.16	-142.85	1,041.63	996.71	44.93	23.186	
8,500.00	8,442.49	8,498.70	8,442.49	24.35	24.29	179.94	-509.16	-142.85	1,041.63	996.10	45.54	22.875	
8,600.00	8,542.49	8,598.70	8,542.49	24.63	24.58	179.94	-509.16	-142.85	1,041.63	995.48	46.15	22.572	
8,700.00	8,642.49	8,698.70	8,642.49	24.92	24.87	179.94	-509.16	-142.85	1,041.63	994.87	46.76	22.276	
8,800.00	8,742.49	8,798.70	8,742.49	25.21	25.16	179.94	-509.16	-142.85	1,041.63	994.26	47.37	21.988	
8,900.00	8,842.49	8,898.70	8,842.49	25.50	25.45	179.94	-509.16	-142.85	1,041.63	993.65	47.99	21.707	
9,000.00	8,942.49	8,998.70	8,942.49	25.78	25.75	179.94	-509.16	-142.85	1,041.63	993.03	48.60	21.432	
9,100.00	9,042.49	9,098.70	9,042.49	26.07	26.04	179.94	-509.16	-142.85	1,041.63	992.42	49.22	21.165	
9,200.00	9,142.49	9,198.70	9,142.49	26.36	26.33	179.94	-509.16	-142.85	1,041.63	991.80	49.83	20.903	
9,300.00	9,242.49	9,298.70	9,242.49	26.66	26.62	179.94	-509.16	-142.85	1,041.63	991.19	50.45	20.648	
9,400.00	9,342.49	9,398.70	9,342.49	26.95	26.92	179.94	-509.16	-142.85	1,041.63	990.57	51.06	20.399	
9,500.00	9,442.49	9,498.70	9,442.49	27.24	27.21	179.94	-509.16	-142.85	1,041.63	989.95	51.68	20.155	
9,600.00	9,542.49	9,598.70	9,542.49	27.53	27.51	179.94	-509.16	-142.85	1,041.63	989.34	52.30	19.918	
9,700.00	9,642.49	9,698.70	9,642.49	27.83	27.80	179.94	-509.16	-142.85	1,041.63	988.72	52.91	19.685	
9,763.57	9,706.07	9,762.27	9,706.07	28.01	27.99	179.94	-509.16	-142.85	1,041.63	988.32	53.31	19.540	
9,800.00	9,742.49	9,790.21	9,734.00	28.12	28.07	179.94	-509.16	-142.85	1,041.67	988.16	53.51	19.468	
9,900.00	9,842.49	9,790.21	9,734.00	28.41	28.07	179.94	-509.16	-142.85	1,047.27	993.45	53.82	19.460	
10,000.00	9,942.49	9,790.21	9,734.00	28.71	28.07	179.94	-509.16	-142.85	1,062.29	1,008.17	54.12	19.627	
10,100.00	10,042.49	9,790.21	9,734.00	29.00	28.07	179.94	-509.16	-142.85	1,086.35	1,031.92	54.43	19.957	
10,200.00	10,142.49	9,790.21	9,734.00	29.30	28.07	179.94	-509.16	-142.85	1,118.87	1,064.12	54.74	20.438	
10,300.00	10,242.49	9,790.21	9,734.00	29.60	28.07	179.94	-509.16	-142.85	1,159.12	1,104.07	55.05	21.055	
10,400.00	10,342.49	9,790.21	9,734.00	29.89	28.07	179.94	-509.16	-142.85	1,206.34	1,150.98	55.36	21.790	
10,500.00	10,442.49	9,790.21	9,734.00	30.19	28.07	179.94	-509.16	-142.85	1,259.75	1,204.07	55.67	22.627	
10,600.00	10,542.49	9,790.21	9,734.00	30.49	28.07	179.94	-509.16	-142.85	1,318.58	1,262.60	55.98	23.553	
10,700.00	10,642.49	9,790.21	9,734.00	30.79	28.07	179.94	-509.16	-142.85	1,382.16	1,325.86	56.29	24.552	
10,797.51	10,740.00	9,790.21	9,734.00	31.08	28.07	179.94	-509.16	-142.85	1,448.11	1,391.52	56.60	25.587	

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O3BS - NBU 921-26O3BS - NBU 921-26O3BS

Offset Site Error: 0.00 ft

Survey Program: 127-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	-91.05	-0.36	-19.89	19.89				
169.00	169.00	168.77	168.77	0.16	0.20	-53.77	-0.71	-20.78	20.60	20.24	0.37	56.371	
199.00	199.00	198.79	198.79	0.23	0.26	-64.90	-0.80	-21.09	20.84	20.34	0.49	42.324	
228.00	228.00	227.79	227.79	0.29	0.32	-64.77	-0.90	-21.38	21.02	20.41	0.62	34.151	
256.00	256.00	255.80	255.79	0.36	0.38	-82.55	-1.00	-21.65	21.20	20.47	0.73	28.865	
285.00	284.99	284.79	284.78	0.42	0.44	-90.57	-1.00	-21.93	21.45	20.60	0.86	25.024	
313.00	312.97	312.79	312.78	0.49	0.50	-84.32	-0.96	-22.20	21.67	20.69	0.98	22.157	
342.00	341.95	341.78	341.76	0.56	0.56	-86.21	-0.99	-22.45	21.81	20.71	1.10	19.747	
371.00	370.90	370.70	370.69	0.63	0.62	-87.48	-1.03	-22.71	21.98	20.75	1.23	17.820	
401.00	400.82	400.62	400.60	0.70	0.68	-95.93	-1.05	-23.01	22.35	20.98	1.37	16.308	
430.00	429.72	429.47	429.46	0.77	0.74	-101.40	-1.13	-23.31	23.02	21.51	1.50	15.301	
461.00	460.59	460.22	460.20	0.85	0.81	-108.70	-1.29	-23.70	24.19	22.53	1.65	14.649	
490.00	489.45	488.93	488.91	0.92	0.87	-114.40	-1.58	-24.14	25.75	23.96	1.79	14.386	
517.00	516.33	515.57	515.54	0.99	0.93	-119.29	-2.01	-24.65	27.60	25.68	1.92	14.383	SF
547.00	546.19	545.16	545.11	1.06	0.99	-126.10	-2.61	-25.41	30.12	28.06	2.06	14.652	
578.00	577.04	575.62	575.55	1.14	1.06	-130.27	-3.42	-26.35	33.30	31.10	2.20	15.135	
608.00	606.85	605.10	604.99	1.22	1.13	-132.95	-4.50	-27.25	36.95	34.61	2.34	15.762	
638.00	636.63	634.37	634.22	1.31	1.20	-134.56	-5.84	-28.11	41.10	38.61	2.49	16.518	
668.00	666.35	663.82	663.62	1.40	1.26	-136.64	-7.32	-29.04	45.77	43.13	2.64	17.364	
698.00	696.01	693.38	693.12	1.50	1.33	-141.07	-8.79	-30.00	50.92	48.14	2.78	18.309	
728.00	725.60	722.97	722.66	1.60	1.39	-142.54	-10.15	-30.98	56.49	53.57	2.92	19.338	
758.00	755.10	752.55	752.20	1.71	1.46	-146.27	-11.33	-32.03	62.41	59.35	3.06	20.377	
788.00	784.51	781.93	781.54	1.82	1.52	-147.94	-12.38	-33.16	68.72	65.51	3.21	21.437	
818.00	813.85	811.33	810.90	1.94	1.59	-149.71	-13.32	-34.40	75.32	71.97	3.35	22.491	
848.00	843.14	840.31	839.84	2.07	1.65	-152.74	-14.19	-35.69	82.22	78.73	3.49	23.543	
878.00	872.36	869.18	868.67	2.19	1.72	-156.06	-15.13	-37.01	89.56	85.92	3.64	24.630	
968.00	959.83	955.60	954.94	2.59	1.92	-159.16	-18.21	-41.04	112.97	108.91	4.06	27.807	
1,058.00	1,047.08	1,041.95	1,041.14	3.01	2.11	-158.95	-21.52	-44.82	137.50	133.01	4.49	30.609	
1,148.00	1,134.31	1,128.93	1,127.98	3.40	2.31	-159.75	-24.83	-48.60	161.96	157.06	4.90	33.039	
1,238.00	1,221.68	1,216.54	1,215.43	3.79	2.51	-159.69	-27.67	-52.87	185.45	180.14	5.31	34.904	
1,328.00	1,308.97	1,303.01	1,301.75	4.21	2.71	-160.72	-30.27	-57.37	209.05	203.31	5.75	36.366	
1,418.00	1,396.43	1,388.88	1,387.46	4.62	2.91	-160.81	-33.29	-61.47	232.40	226.22	6.18	37.591	
1,508.00	1,484.27	1,475.82	1,474.24	4.98	3.11	-163.69	-36.55	-65.55	254.51	247.91	6.60	38.591	
1,598.00	1,572.12	1,562.79	1,561.07	5.36	3.31	-161.87	-39.91	-69.40	276.71	269.69	7.02	39.426	
1,688.00	1,659.75	1,649.48	1,647.62	5.77	3.51	-158.93	-43.32	-72.88	299.60	292.14	7.46	40.175	
1,778.00	1,747.24	1,735.56	1,733.57	6.20	3.71	-159.72	-46.89	-76.01	323.06	315.17	7.89	40.928	
1,868.00	1,834.80	1,822.13	1,820.02	6.60	3.91	-164.28	-50.59	-78.89	346.64	338.32	8.32	41.673	
1,958.00	1,922.45	1,909.47	1,907.22	6.99	4.11	-167.47	-54.33	-81.93	370.19	361.46	8.73	42.413	
2,048.00	2,009.98	1,997.65	1,995.26	7.41	4.31	-167.36	-57.83	-85.39	394.04	384.89	9.16	43.036	
2,138.00	2,097.47	2,083.77	2,081.25	7.81	4.51	-168.42	-61.17	-88.86	418.00	408.41	9.59	43.609	
2,228.00	2,185.32	2,168.99	2,166.32	8.19	4.71	-165.64	-64.75	-92.38	440.70	430.67	10.03	43.938	
2,318.00	2,273.45	2,258.88	2,256.05	8.55	4.92	-163.86	-68.47	-96.45	461.86	451.40	10.46	44.147	
2,408.00	2,361.49	2,345.26	2,342.25	8.93	5.12	-165.58	-71.92	-100.70	483.34	472.45	10.88	44.411	
2,437.00	2,389.80	2,372.84	2,369.77	9.06	5.19	-165.22	-73.06	-102.11	490.55	479.53	11.02	44.500	
2,500.00	2,451.28	2,377.00	2,373.92	9.34	5.20	-165.22	-73.24	-102.32	509.57	498.36	11.21	45.446	
2,542.20	2,492.45	2,377.00	2,373.92	9.53	5.20	-165.22	-73.24	-102.32	526.15	514.82	11.34	46.416	
2,565.99	2,515.65	2,377.00	2,373.92	9.64	5.20	-167.37	-73.24	-102.32	536.86	525.47	11.39	47.140	
2,586.42	2,535.53	2,377.00	2,373.92	9.74	5.20	-167.37	-73.24	-102.32	546.80	535.36	11.45	47.760	
2,600.00	2,548.76	2,377.00	2,373.92	9.80	5.20	-167.40	-73.24	-102.32	553.72	542.22	11.49	48.186	
2,700.00	2,646.55	2,377.00	2,373.92	10.22	5.20	-167.66	-73.24	-102.32	610.19	598.41	11.78	51.789	
2,800.00	2,744.93	2,377.00	2,373.92	10.60	5.20	-167.97	-73.24	-102.32	674.66	662.60	12.06	55.948	
2,900.00	2,843.81	2,377.00	2,373.92	10.94	5.20	-168.32	-73.24	-102.32	745.01	732.69	12.32	60.478	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O3BS - NBU 921-26O3BS - NBU 921-26O3BS

Offset Site Error: 0.00 ft

Survey Program: 127-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
3,000.00	2,943.10	2,377.00	2,373.92	11.25	5.20	-168.72	-73.24	-102.32	819.67	807.10	12.56	65.255	
3,100.00	3,042.71	2,377.00	2,373.92	11.52	5.20	-169.13	-73.24	-102.32	897.49	884.71	12.78	70.199	
3,200.00	3,142.53	2,377.00	2,373.92	11.74	5.20	-169.57	-73.24	-102.32	977.67	964.68	12.99	75.260	
3,300.00	3,242.49	2,377.00	2,373.92	11.93	5.20	-170.01	-73.24	-102.32	1,059.60	1,046.42	13.18	80.406	
3,339.51	3,282.00	2,377.00	2,373.92	11.99	5.20	176.07	-73.24	-102.32	1,092.35	1,079.10	13.25	82.458	
3,400.00	3,342.49	2,377.00	2,373.92	12.08	5.20	176.07	-73.24	-102.32	1,143.13	1,129.76	13.38	85.450	
3,500.00	3,442.49	2,377.00	2,373.92	12.23	5.20	176.07	-73.24	-102.32	1,229.01	1,215.42	13.60	90.399	
3,600.00	3,542.49	2,377.00	2,373.92	12.39	5.20	176.07	-73.24	-102.32	1,316.88	1,303.06	13.82	95.294	
3,700.00	3,642.49	2,377.00	2,373.92	12.56	5.20	176.07	-73.24	-102.32	1,406.38	1,392.33	14.05	100.108	
3,800.00	3,742.49	2,377.00	2,373.92	12.73	5.20	176.07	-73.24	-102.32	1,497.20	1,482.92	14.28	104.822	
3,900.00	3,842.49	2,377.00	2,373.92	12.90	5.20	176.07	-73.24	-102.32	1,589.13	1,574.61	14.52	109.423	
4,000.00	3,942.49	2,377.00	2,373.92	13.08	5.20	176.07	-73.24	-102.32	1,681.98	1,667.21	14.77	113.902	
4,100.00	4,042.49	2,377.00	2,373.92	13.27	5.20	176.07	-73.24	-102.32	1,775.60	1,760.59	15.02	118.254	
4,200.00	4,142.49	2,377.00	2,373.92	13.46	5.20	176.07	-73.24	-102.32	1,869.89	1,854.62	15.27	122.477	
4,300.00	4,242.49	2,377.00	2,373.92	13.66	5.20	176.07	-73.24	-102.32	1,964.74	1,949.21	15.52	126.570	
4,400.00	4,342.49	2,377.00	2,373.92	13.86	5.20	176.07	-73.24	-102.32	2,060.07	2,044.29	15.78	130.533	
4,500.00	4,442.49	2,377.00	2,373.92	14.07	5.20	176.07	-73.24	-102.32	2,155.83	2,139.79	16.04	134.369	
4,600.00	4,542.49	2,377.00	2,373.92	14.27	5.20	176.07	-73.24	-102.32	2,251.96	2,235.65	16.31	138.080	
4,700.00	4,642.49	2,377.00	2,373.92	14.49	5.20	176.07	-73.24	-102.32	2,348.41	2,331.84	16.58	141.668	
4,800.00	4,742.49	2,377.00	2,373.92	14.70	5.20	176.07	-73.24	-102.32	2,445.15	2,428.30	16.85	145.138	
4,900.00	4,842.49	2,377.00	2,373.92	14.93	5.20	176.07	-73.24	-102.32	2,542.14	2,525.02	17.12	148.493	
5,000.00	4,942.49	2,377.00	2,373.92	15.15	5.20	176.07	-73.24	-102.32	2,639.35	2,621.96	17.39	151.737	
5,100.00	5,042.49	2,377.00	2,373.92	15.38	5.20	176.07	-73.24	-102.32	2,736.77	2,719.10	17.67	154.873	
5,200.00	5,142.49	2,377.00	2,373.92	15.61	5.20	176.07	-73.24	-102.32	2,834.36	2,816.41	17.95	157.907	
5,300.00	5,242.49	2,377.00	2,373.92	15.84	5.20	176.07	-73.24	-102.32	2,932.12	2,913.89	18.23	160.840	
5,400.00	5,342.49	2,377.00	2,373.92	16.08	5.20	176.07	-73.24	-102.32	3,030.02	3,011.51	18.51	163.678	
5,500.00	5,442.49	2,377.00	2,373.92	16.32	5.20	176.07	-73.24	-102.32	3,128.06	3,109.27	18.80	166.424	
5,600.00	5,542.49	2,377.00	2,373.92	16.56	5.20	176.07	-73.24	-102.32	3,226.22	3,207.14	19.08	169.081	
5,700.00	5,642.49	2,377.00	2,373.92	16.80	5.20	176.07	-73.24	-102.32	3,324.48	3,305.12	19.37	171.654	
5,800.00	5,742.49	2,377.00	2,373.92	17.05	5.20	176.07	-73.24	-102.32	3,422.85	3,403.20	19.66	174.145	
5,900.00	5,842.49	2,377.00	2,373.92	17.30	5.20	176.07	-73.24	-102.32	3,521.31	3,501.37	19.94	176.558	
6,000.00	5,942.49	2,377.00	2,373.92	17.55	5.20	176.07	-73.24	-102.32	3,619.85	3,599.62	20.23	178.896	
6,100.00	6,042.49	2,377.00	2,373.92	17.80	5.20	176.07	-73.24	-102.32	3,718.47	3,697.95	20.53	181.162	
6,200.00	6,142.49	2,377.00	2,373.92	18.06	5.20	176.07	-73.24	-102.32	3,817.17	3,796.35	20.82	183.359	
6,300.00	6,242.49	2,377.00	2,373.92	18.32	5.20	176.07	-73.24	-102.32	3,915.93	3,894.82	21.11	185.490	
6,400.00	6,342.49	2,377.00	2,373.92	18.58	5.20	176.07	-73.24	-102.32	4,014.75	3,993.34	21.41	187.557	
6,500.00	6,442.49	2,377.00	2,373.92	18.84	5.20	176.07	-73.24	-102.32	4,113.63	4,091.92	21.70	189.563	
6,600.00	6,542.49	2,377.00	2,373.92	19.10	5.20	176.07	-73.24	-102.32	4,212.56	4,190.56	22.00	191.511	
6,700.00	6,642.49	2,377.00	2,373.92	19.37	5.20	176.07	-73.24	-102.32	4,311.54	4,289.24	22.29	193.402	
6,800.00	6,742.49	2,377.00	2,373.92	19.63	5.20	176.07	-73.24	-102.32	4,410.56	4,387.97	22.59	195.239	
6,900.00	6,842.49	2,377.00	2,373.92	19.90	5.20	176.07	-73.24	-102.32	4,509.63	4,486.74	22.89	197.024	
7,000.00	6,942.49	2,377.00	2,373.92	20.17	5.20	176.07	-73.24	-102.32	4,608.74	4,585.55	23.19	198.760	
7,100.00	7,042.49	2,377.00	2,373.92	20.44	5.20	176.07	-73.24	-102.32	4,707.89	4,684.40	23.49	200.447	
7,200.00	7,142.49	2,377.00	2,373.92	20.71	5.20	176.07	-73.24	-102.32	4,807.07	4,783.28	23.79	202.088	
7,300.00	7,242.49	2,377.00	2,373.92	20.98	5.20	176.07	-73.24	-102.32	4,906.28	4,882.20	24.09	203.685	
7,400.00	7,342.49	2,377.00	2,373.92	21.26	5.20	176.07	-73.24	-102.32	5,005.53	4,981.14	24.39	205.239	
7,500.00	7,442.49	2,377.00	2,373.92	21.53	5.20	176.07	-73.24	-102.32	5,104.81	5,080.12	24.69	206.752	
7,600.00	7,542.49	2,377.00	2,373.92	21.81	5.20	176.07	-73.24	-102.32	5,204.11	5,179.12	24.99	208.225	
7,700.00	7,642.49	2,377.00	2,373.92	22.09	5.20	176.07	-73.24	-102.32	5,303.44	5,278.15	25.30	209.660	
7,800.00	7,742.49	2,377.00	2,373.92	22.37	5.20	176.07	-73.24	-102.32	5,402.80	5,377.20	25.60	211.059	
7,900.00	7,842.49	2,377.00	2,373.92	22.65	5.20	176.07	-73.24	-102.32	5,502.17	5,476.27	25.90	212.422	
8,000.00	7,942.49	2,377.00	2,373.92	22.93	5.20	176.07	-73.24	-102.32	5,601.57	5,575.37	26.21	213.750	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O3BS - NBU 921-26O3BS - NBU 921-26O3BS

Offset Site Error: 0.00 ft

Survey Program: 127-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
8,100.00	8,042.49	2,377.00	2,373.92	23.21	5.20	176.07	-73.24	-102.32	5,701.00	5,674.48	26.51	215.046	
8,200.00	8,142.49	2,377.00	2,373.92	23.49	5.20	176.07	-73.24	-102.32	5,800.44	5,773.62	26.82	216.310	
8,300.00	8,242.49	2,377.00	2,373.92	23.78	5.20	176.07	-73.24	-102.32	5,899.90	5,872.78	27.12	217.544	
8,400.00	8,342.49	2,377.00	2,373.92	24.06	5.20	176.07	-73.24	-102.32	5,999.37	5,971.95	27.43	218.747	
8,500.00	8,442.49	2,377.00	2,373.92	24.35	5.20	176.07	-73.24	-102.32	6,098.87	6,071.14	27.73	219.922	
8,600.00	8,542.49	2,377.00	2,373.92	24.63	5.20	176.07	-73.24	-102.32	6,198.38	6,170.34	28.04	221.070	
8,700.00	8,642.49	2,377.00	2,373.92	24.92	5.20	176.07	-73.24	-102.32	6,297.91	6,269.56	28.34	222.191	
8,800.00	8,742.49	2,377.00	2,373.92	25.21	5.20	176.07	-73.24	-102.32	6,397.45	6,368.80	28.65	223.286	
8,900.00	8,842.49	2,377.00	2,373.92	25.50	5.20	176.07	-73.24	-102.32	6,497.00	6,468.05	28.96	224.356	
9,000.00	8,942.49	2,377.00	2,373.92	25.78	5.20	176.07	-73.24	-102.32	6,596.57	6,567.31	29.27	225.402	
9,100.00	9,042.49	2,377.00	2,373.92	26.07	5.20	176.07	-73.24	-102.32	6,696.16	6,666.58	29.57	226.424	
9,200.00	9,142.49	2,377.00	2,373.92	26.36	5.20	176.07	-73.24	-102.32	6,795.75	6,765.87	29.88	227.424	
9,300.00	9,242.49	2,377.00	2,373.92	26.66	5.20	176.07	-73.24	-102.32	6,895.36	6,865.17	30.19	228.402	
9,400.00	9,342.49	2,377.00	2,373.92	26.95	5.20	176.07	-73.24	-102.32	6,994.97	6,964.47	30.50	229.359	
9,500.00	9,442.49	2,377.00	2,373.92	27.24	5.20	176.07	-73.24	-102.32	7,094.60	7,063.79	30.81	230.295	
9,600.00	9,542.49	2,377.00	2,373.92	27.53	5.20	176.07	-73.24	-102.32	7,194.24	7,163.12	31.12	231.212	
9,700.00	9,642.49	2,377.00	2,373.92	27.83	5.20	176.07	-73.24	-102.32	7,293.89	7,262.46	31.42	232.109	
9,800.00	9,742.49	2,377.00	2,373.92	28.12	5.20	176.07	-73.24	-102.32	7,393.54	7,361.81	31.73	232.987	
9,900.00	9,842.49	2,377.00	2,373.92	28.41	5.20	176.07	-73.24	-102.32	7,493.21	7,461.17	32.04	233.848	
10,000.00	9,942.49	2,377.00	2,373.92	28.71	5.20	176.07	-73.24	-102.32	7,592.89	7,560.53	32.35	234.690	
10,100.00	10,042.49	2,377.00	2,373.92	29.00	5.20	176.07	-73.24	-102.32	7,692.57	7,659.91	32.66	235.516	
10,200.00	10,142.49	2,377.00	2,373.92	29.30	5.20	176.07	-73.24	-102.32	7,792.26	7,759.29	32.97	236.325	
10,300.00	10,242.49	2,377.00	2,373.92	29.60	5.20	176.07	-73.24	-102.32	7,891.96	7,858.68	33.28	237.118	
10,400.00	10,342.49	2,377.00	2,373.92	29.89	5.20	176.07	-73.24	-102.32	7,991.67	7,958.08	33.59	237.895	
10,500.00	10,442.49	2,377.00	2,373.92	30.19	5.20	176.07	-73.24	-102.32	8,091.38	8,057.48	33.90	238.658	
10,600.00	10,542.49	2,377.00	2,373.92	30.49	5.20	176.07	-73.24	-102.32	8,191.11	8,156.89	34.21	239.405	
10,700.00	10,642.49	2,377.00	2,373.92	30.79	5.20	176.07	-73.24	-102.32	8,290.83	8,256.31	34.53	240.138	
10,797.51	10,740.00	2,377.00	2,373.92	31.08	5.20	176.07	-73.24	-102.32	8,388.08	8,353.25	34.83	240.840	

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O3BS - NBU 921-26O3BS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 127-MWD, 2377-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	-91.05	-0.36	-19.89	19.89				
169.00	169.00	168.77	168.77	0.16	0.20	-53.77	-0.71	-20.78	20.60	20.24	0.37	56.371	
199.00	199.00	198.79	198.79	0.23	0.26	-64.90	-0.80	-21.09	20.84	20.34	0.49	42.324	
228.00	228.00	227.79	227.79	0.29	0.32	-64.77	-0.90	-21.38	21.02	20.41	0.62	34.151	
256.00	256.00	255.80	255.79	0.36	0.38	-82.55	-1.00	-21.65	21.20	20.47	0.73	28.865	
285.00	284.99	284.79	284.78	0.42	0.44	-90.57	-1.00	-21.93	21.45	20.60	0.86	25.024	
313.00	312.97	312.79	312.78	0.49	0.50	-84.32	-0.96	-22.20	21.67	20.69	0.98	22.157	
342.00	341.95	341.78	341.76	0.56	0.56	-86.21	-0.99	-22.45	21.81	20.71	1.10	19.747	
371.00	370.90	370.70	370.69	0.63	0.62	-87.48	-1.03	-22.71	21.98	20.75	1.23	17.820	
401.00	400.82	400.62	400.60	0.70	0.68	-95.93	-1.05	-23.01	22.35	20.98	1.37	16.308	
430.00	429.72	429.47	429.46	0.77	0.74	-101.40	-1.13	-23.31	23.02	21.51	1.50	15.301	
461.00	460.59	460.22	460.20	0.85	0.81	-108.70	-1.29	-23.70	24.19	22.53	1.65	14.649	
490.00	489.45	488.93	488.91	0.92	0.87	-114.40	-1.58	-24.14	25.75	23.96	1.79	14.386	
517.00	516.33	515.57	515.54	0.99	0.93	-119.29	-2.01	-24.65	27.60	25.68	1.92	14.383	SF
547.00	546.19	545.16	545.11	1.06	0.99	-126.10	-2.61	-25.41	30.12	28.06	2.06	14.652	
578.00	577.04	575.62	575.55	1.14	1.06	-130.27	-3.42	-26.35	33.30	31.10	2.20	15.135	
608.00	606.85	605.10	604.99	1.22	1.13	-132.95	-4.50	-27.25	36.95	34.61	2.34	15.762	
638.00	636.63	634.37	634.22	1.31	1.20	-134.56	-5.84	-28.11	41.10	38.61	2.49	16.518	
668.00	666.35	663.82	663.62	1.40	1.26	-136.64	-7.32	-29.04	45.77	43.13	2.64	17.364	
698.00	696.01	693.38	693.12	1.50	1.33	-141.07	-8.79	-30.00	50.92	48.14	2.78	18.309	
728.00	725.60	722.97	722.66	1.60	1.39	-142.54	-10.15	-30.98	56.49	53.57	2.92	19.338	
758.00	755.10	752.55	752.20	1.71	1.46	-146.27	-11.33	-32.03	62.41	59.35	3.06	20.377	
788.00	784.51	781.93	781.54	1.82	1.52	-147.94	-12.38	-33.16	68.72	65.51	3.21	21.437	
818.00	813.85	811.33	810.90	1.94	1.59	-149.71	-13.32	-34.40	75.32	71.97	3.35	22.491	
848.00	843.14	840.31	839.84	2.07	1.65	-152.74	-14.19	-35.69	82.22	78.73	3.49	23.543	
878.00	872.36	869.18	868.67	2.19	1.72	-156.06	-15.13	-37.01	89.56	85.92	3.64	24.630	
968.00	959.83	955.60	954.94	2.59	1.92	-159.16	-18.21	-41.04	112.97	108.91	4.06	27.807	
1,058.00	1,047.08	1,041.95	1,041.14	3.01	2.11	-158.95	-21.52	-44.82	137.50	133.01	4.49	30.609	
1,148.00	1,134.31	1,128.93	1,127.98	3.40	2.31	-159.75	-24.83	-48.60	161.96	157.06	4.90	33.039	
1,238.00	1,221.68	1,216.54	1,215.43	3.79	2.51	-159.69	-27.67	-52.87	185.45	180.14	5.31	34.904	
1,328.00	1,308.97	1,303.01	1,301.75	4.21	2.71	-160.72	-30.27	-57.37	209.05	203.31	5.75	36.366	
1,418.00	1,396.43	1,388.88	1,387.46	4.62	2.91	-160.81	-33.29	-61.47	232.40	226.22	6.18	37.591	
1,508.00	1,484.27	1,475.82	1,474.24	4.98	3.11	-163.69	-36.55	-65.55	254.51	247.91	6.60	38.591	
1,598.00	1,572.12	1,562.79	1,561.07	5.36	3.31	-161.87	-39.91	-69.40	276.71	269.69	7.02	39.426	
1,688.00	1,659.75	1,649.48	1,647.62	5.77	3.51	-158.93	-43.32	-72.88	299.60	292.14	7.46	40.175	
1,778.00	1,747.24	1,735.56	1,733.57	6.20	3.71	-159.72	-46.89	-76.01	323.06	315.17	7.89	40.928	
1,868.00	1,834.80	1,822.13	1,820.02	6.60	3.91	-164.28	-50.59	-78.89	346.64	338.32	8.32	41.673	
1,958.00	1,922.45	1,909.47	1,907.22	6.99	4.11	-167.47	-54.33	-81.93	370.19	361.46	8.73	42.413	
2,048.00	2,009.98	1,997.65	1,995.26	7.41	4.31	-167.36	-57.83	-85.39	394.04	384.89	9.16	43.036	
2,138.00	2,097.47	2,083.77	2,081.25	7.81	4.51	-168.42	-61.17	-88.86	418.00	408.41	9.59	43.609	
2,228.00	2,185.32	2,168.99	2,166.32	8.19	4.71	-165.64	-64.75	-92.38	440.70	430.67	10.03	43.938	
2,318.00	2,273.45	2,258.88	2,256.05	8.55	4.92	-163.86	-68.47	-96.45	461.86	451.40	10.46	44.147	
2,408.00	2,361.49	2,345.26	2,342.25	8.93	5.12	-165.58	-71.92	-100.70	483.34	472.45	10.88	44.411	
2,437.00	2,389.80	2,372.84	2,369.77	9.06	5.19	-165.22	-73.06	-102.11	490.55	479.53	11.02	44.500	
2,500.00	2,451.28	2,433.73	2,430.52	9.34	5.34	-165.24	-75.64	-105.27	506.41	495.05	11.35	44.600	
2,542.20	2,492.45	2,472.17	2,468.87	9.53	5.44	-165.25	-77.29	-107.28	517.06	505.49	11.57	44.700	
2,565.99	2,515.65	2,490.70	2,487.35	9.64	5.48	-167.31	-78.24	-108.33	523.38	511.71	11.67	44.853	
2,586.42	2,535.53	2,500.00	2,496.62	9.74	5.51	-167.30	-78.77	-108.88	529.12	517.37	11.75	45.023	
2,600.00	2,548.76	2,516.99	2,513.54	9.80	5.56	-167.29	-79.86	-109.96	532.91	521.07	11.84	45.006	
2,700.00	2,646.55	2,600.00	2,595.99	10.22	5.80	-167.12	-87.07	-116.21	561.50	549.13	12.37	45.407	
2,800.00	2,744.93	2,669.13	2,664.30	10.60	6.04	-166.84	-95.49	-122.68	590.51	577.64	12.87	45.888	
2,900.00	2,843.81	2,743.54	2,737.34	10.94	6.33	-166.39	-107.00	-130.92	620.10	606.71	13.39	46.304	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O3BS - NBU 921-26O3BS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 127-MWD, 2377-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
3,000.00	2,943.10	2,816.76	2,808.63	11.25	6.64	-165.83	-120.78	-140.30	650.23	636.31	13.91	46.733	
3,100.00	3,042.71	2,900.00	2,888.84	11.52	7.04	-165.05	-139.38	-152.49	681.04	666.56	14.48	47.037	
3,200.00	3,142.53	2,959.44	2,945.49	11.74	7.38	-164.47	-154.55	-162.18	712.20	697.25	14.95	47.629	
3,300.00	3,242.49	3,032.96	3,014.76	11.93	7.82	-163.65	-175.42	-175.24	744.06	728.58	15.48	48.066	
3,339.51	3,282.00	3,069.96	3,049.48	11.99	8.05	-176.97	-186.29	-182.01	756.40	740.68	15.72	48.116	
3,400.00	3,342.49	3,126.72	3,102.72	12.08	8.43	-176.23	-202.97	-192.38	775.05	758.95	16.10	48.127	
3,500.00	3,442.49	3,220.54	3,190.75	12.23	9.07	-175.09	-230.54	-209.54	806.14	789.40	16.74	48.154	
3,600.00	3,542.49	3,314.36	3,278.77	12.39	9.73	-174.03	-258.11	-226.69	837.50	820.12	17.38	48.180	
3,700.00	3,642.49	3,408.18	3,366.79	12.56	10.41	-173.04	-285.67	-243.84	869.11	851.08	18.03	48.206	
3,800.00	3,742.49	3,502.00	3,454.82	12.73	11.10	-172.12	-313.24	-261.00	900.94	882.26	18.68	48.234	
3,900.00	3,842.49	3,595.82	3,542.84	12.90	11.80	-171.26	-340.81	-278.15	932.96	913.63	19.33	48.263	
4,000.00	3,942.49	3,689.64	3,630.86	13.08	12.52	-170.46	-368.38	-295.31	965.17	945.18	19.99	48.293	
4,100.00	4,042.49	3,783.46	3,718.89	13.27	13.24	-169.71	-395.95	-312.46	997.53	976.89	20.64	48.325	
4,200.00	4,142.49	3,877.28	3,806.91	13.46	13.97	-169.01	-423.51	-329.61	1,030.04	1,008.74	21.30	48.358	
4,300.00	4,242.49	3,971.10	3,894.93	13.66	14.71	-168.35	-451.08	-346.77	1,062.69	1,040.73	21.96	48.391	
4,400.00	4,342.49	4,064.92	3,982.95	13.86	15.45	-167.73	-478.65	-363.92	1,095.45	1,072.83	22.62	48.424	
4,500.00	4,442.49	4,158.74	4,070.98	14.07	16.20	-167.14	-506.22	-381.07	1,128.33	1,105.04	23.28	48.457	
4,600.00	4,542.49	4,252.56	4,159.00	14.27	16.95	-166.59	-533.79	-398.23	1,161.30	1,137.35	23.95	48.490	
4,700.00	4,642.49	4,346.39	4,247.02	14.49	17.70	-166.06	-561.35	-415.38	1,194.37	1,169.75	24.62	48.521	
4,800.00	4,742.49	4,440.21	4,335.05	14.70	18.46	-165.57	-588.92	-432.54	1,227.52	1,202.24	25.28	48.552	
4,900.00	4,842.49	4,534.03	4,423.07	14.93	19.22	-165.10	-616.49	-449.69	1,260.75	1,234.80	25.95	48.580	
5,000.00	4,942.49	4,627.85	4,511.09	15.15	19.98	-164.65	-644.06	-466.84	1,294.05	1,267.43	26.62	48.608	
5,100.00	5,042.49	4,721.67	4,599.12	15.38	20.74	-164.23	-671.63	-484.00	1,327.42	1,300.13	27.29	48.634	
5,200.00	5,142.49	4,815.49	4,687.14	15.61	21.51	-163.83	-699.19	-501.15	1,360.86	1,332.89	27.97	48.658	
5,300.00	5,242.49	4,909.31	4,775.16	15.84	22.27	-163.44	-726.76	-518.31	1,394.34	1,365.70	28.64	48.681	
5,400.00	5,342.49	5,003.13	4,863.19	16.08	23.04	-163.08	-754.33	-535.46	1,427.89	1,398.57	29.32	48.701	
5,500.00	5,442.49	5,096.95	4,951.21	16.32	23.81	-162.73	-781.90	-552.61	1,461.48	1,431.48	30.00	48.721	
5,600.00	5,542.49	5,190.77	5,039.23	16.56	24.58	-162.40	-809.47	-569.77	1,495.12	1,464.44	30.68	48.738	
5,700.00	5,642.49	5,284.59	5,127.25	16.80	25.35	-162.08	-837.03	-586.92	1,528.80	1,497.44	31.36	48.754	
5,800.00	5,742.49	5,378.41	5,215.28	17.05	26.13	-161.77	-864.60	-604.07	1,562.52	1,530.48	32.04	48.768	
5,900.00	5,842.49	5,472.23	5,303.30	17.30	26.90	-161.48	-892.17	-621.23	1,596.28	1,563.56	32.72	48.781	
6,000.00	5,942.49	5,566.05	5,391.32	17.55	27.67	-161.20	-919.74	-638.38	1,630.07	1,596.67	33.41	48.792	
6,100.00	6,042.49	5,690.40	5,508.16	17.80	28.61	-160.85	-955.87	-660.87	1,663.69	1,629.48	34.21	48.634	
6,200.00	6,142.49	5,914.51	5,722.50	18.06	29.68	-160.35	-1,011.27	-695.34	1,692.20	1,656.92	35.28	47.964	
6,300.00	6,242.49	6,148.18	5,950.69	18.32	30.59	-159.99	-1,053.71	-721.74	1,713.17	1,676.86	36.30	47.189	
6,400.00	6,342.49	6,388.77	6,189.09	18.58	31.29	-159.77	-1,080.76	-738.57	1,726.15	1,688.90	37.25	46.339	
6,500.00	6,442.49	6,633.09	6,433.05	18.84	31.76	-159.69	-1,090.75	-744.79	1,730.87	1,692.78	38.09	45.438	
6,600.00	6,542.49	6,742.52	6,542.49	19.10	31.91	-159.69	-1,090.79	-744.82	1,730.89	1,692.28	38.61	44.833	
6,700.00	6,642.49	6,842.52	6,642.49	19.37	32.04	-159.69	-1,090.79	-744.82	1,730.89	1,691.79	39.10	44.270	
6,800.00	6,742.49	6,942.52	6,742.49	19.63	32.18	-159.69	-1,090.79	-744.82	1,730.89	1,691.30	39.59	43.717	
6,900.00	6,842.49	7,042.52	6,842.49	19.90	32.32	-159.69	-1,090.79	-744.82	1,730.89	1,690.80	40.09	43.173	
7,000.00	6,942.49	7,142.52	6,942.49	20.17	32.46	-159.69	-1,090.79	-744.82	1,730.89	1,690.30	40.59	42.639	
7,100.00	7,042.49	7,242.52	7,042.49	20.44	32.61	-159.69	-1,090.79	-744.82	1,730.89	1,689.79	41.10	42.115	
7,200.00	7,142.49	7,342.52	7,142.49	20.71	32.75	-159.69	-1,090.79	-744.82	1,730.89	1,689.28	41.61	41.600	
7,300.00	7,242.49	7,442.52	7,242.49	20.98	32.90	-159.69	-1,090.79	-744.82	1,730.89	1,688.77	42.12	41.094	
7,400.00	7,342.49	7,542.52	7,342.49	21.26	33.05	-159.69	-1,090.79	-744.82	1,730.89	1,688.26	42.64	40.597	
7,500.00	7,442.49	7,642.52	7,442.49	21.53	33.21	-159.69	-1,090.79	-744.82	1,730.89	1,687.74	43.15	40.110	
7,600.00	7,542.49	7,742.52	7,542.49	21.81	33.36	-159.69	-1,090.79	-744.82	1,730.89	1,687.22	43.68	39.631	
7,700.00	7,642.49	7,842.52	7,642.49	22.09	33.52	-159.69	-1,090.79	-744.82	1,730.89	1,686.69	44.20	39.161	
7,800.00	7,742.49	7,942.52	7,742.49	22.37	33.68	-159.69	-1,090.79	-744.82	1,730.89	1,686.17	44.73	38.700	
7,900.00	7,842.49	8,042.52	7,842.49	22.65	33.84	-159.69	-1,090.79	-744.82	1,730.89	1,685.64	45.26	38.247	
8,000.00	7,942.49	8,142.52	7,942.49	22.93	34.01	-159.69	-1,090.79	-744.82	1,730.89	1,685.11	45.79	37.803	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26O3BS - NBU 921-26O3BS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 127-MWD, 2377-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
8,100.00	8,042.49	8,242.52	8,042.49	23.21	34.17	-159.69	-1,090.79	-744.82	1,730.89	1,684.57	46.32	37.367	
8,200.00	8,142.49	8,342.52	8,142.49	23.49	34.34	-159.69	-1,090.79	-744.82	1,730.89	1,684.03	46.86	36.939	
8,300.00	8,242.49	8,442.52	8,242.49	23.78	34.52	-159.69	-1,090.79	-744.82	1,730.89	1,683.49	47.40	36.519	
8,400.00	8,342.49	8,542.52	8,342.49	24.06	34.69	-159.69	-1,090.79	-744.82	1,730.89	1,682.95	47.94	36.106	
8,500.00	8,442.49	8,642.52	8,442.49	24.35	34.86	-159.69	-1,090.79	-744.82	1,730.89	1,682.41	48.48	35.702	
8,600.00	8,542.49	8,742.52	8,542.49	24.63	35.04	-159.69	-1,090.79	-744.82	1,730.89	1,681.86	49.03	35.304	
8,700.00	8,642.49	8,842.52	8,642.49	24.92	35.22	-159.69	-1,090.79	-744.82	1,730.89	1,681.32	49.58	34.914	
8,800.00	8,742.49	8,942.52	8,742.49	25.21	35.40	-159.69	-1,090.79	-744.82	1,730.89	1,680.77	50.13	34.531	
8,900.00	8,842.49	9,042.52	8,842.49	25.50	35.59	-159.69	-1,090.79	-744.82	1,730.89	1,680.22	50.68	34.155	
9,000.00	8,942.49	9,142.52	8,942.49	25.78	35.77	-159.69	-1,090.79	-744.82	1,730.89	1,679.66	51.23	33.786	
9,100.00	9,042.49	9,242.52	9,042.49	26.07	35.96	-159.69	-1,090.79	-744.82	1,730.89	1,679.11	51.79	33.424	
9,200.00	9,142.49	9,342.52	9,142.49	26.36	36.15	-159.69	-1,090.79	-744.82	1,730.89	1,678.55	52.34	33.068	
9,300.00	9,242.49	9,442.52	9,242.49	26.66	36.34	-159.69	-1,090.79	-744.82	1,730.89	1,677.99	52.90	32.719	
9,400.00	9,342.49	9,542.52	9,342.49	26.95	36.53	-159.69	-1,090.79	-744.82	1,730.89	1,677.43	53.46	32.376	
9,500.00	9,442.49	9,642.52	9,442.49	27.24	36.72	-159.69	-1,090.79	-744.82	1,730.89	1,676.87	54.02	32.039	
9,600.00	9,542.49	9,742.52	9,542.49	27.53	36.92	-159.69	-1,090.79	-744.82	1,730.89	1,676.30	54.59	31.709	
9,700.00	9,642.49	9,842.52	9,642.49	27.83	37.12	-159.69	-1,090.79	-744.82	1,730.89	1,675.74	55.15	31.384	
9,759.60	9,702.09	9,902.12	9,702.09	28.00	37.23	-159.69	-1,090.79	-744.82	1,730.89	1,675.40	55.49	31.193	
9,800.00	9,742.49	9,925.03	9,725.00	28.12	37.28	-159.69	-1,090.79	-744.82	1,730.98	1,675.31	55.67	31.092	
9,900.00	9,842.49	9,925.03	9,725.00	28.41	37.28	-159.69	-1,090.79	-744.82	1,734.88	1,678.90	55.98	30.992	
10,000.00	9,942.49	9,925.03	9,725.00	28.71	37.28	-159.69	-1,090.79	-744.82	1,744.50	1,688.22	56.28	30.996	
10,100.00	10,042.49	9,925.03	9,725.00	29.00	37.28	-159.69	-1,090.79	-744.82	1,759.77	1,703.18	56.59	31.098	
10,200.00	10,142.49	9,925.03	9,725.00	29.30	37.28	-159.69	-1,090.79	-744.82	1,780.53	1,723.64	56.89	31.296	
10,300.00	10,242.49	9,925.03	9,725.00	29.60	37.28	-159.69	-1,090.79	-744.82	1,806.60	1,749.40	57.20	31.585	
10,400.00	10,342.49	9,925.03	9,725.00	29.89	37.28	-159.69	-1,090.79	-744.82	1,837.74	1,780.23	57.50	31.958	
10,500.00	10,442.49	9,925.03	9,725.00	30.19	37.28	-159.69	-1,090.79	-744.82	1,873.71	1,815.90	57.81	32.411	
10,600.00	10,542.49	9,925.03	9,725.00	30.49	37.28	-159.69	-1,090.79	-744.82	1,914.23	1,856.11	58.12	32.938	
10,700.00	10,642.49	9,925.03	9,725.00	30.79	37.28	-159.69	-1,090.79	-744.82	1,959.03	1,900.60	58.42	33.532	
10,797.51	10,740.00	9,925.03	9,725.00	31.08	37.28	-159.69	-1,090.79	-744.82	2,006.54	1,947.82	58.72	34.170	

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26P4BS - NBU 921-26P4BS - NBU 921-26P4BS

Offset Site Error: 0.00 ft

Survey Program: 144-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	87.90	0.73	19.89	19.90				
169.00	169.00	169.08	169.08	0.16	0.18	126.81	0.99	19.77	19.98	19.64	0.35	57.896	
189.59	189.59	189.65	189.65	0.21	0.23	118.56	0.98	19.68	19.95	19.52	0.43	46.152	
199.00	199.00	199.04	199.04	0.23	0.24	116.69	0.98	19.66	19.96	19.49	0.47	42.292	
228.00	228.00	228.04	228.04	0.29	0.30	118.35	0.98	19.61	20.03	19.44	0.60	33.596	
256.00	256.00	256.03	256.03	0.36	0.36	102.79	0.97	19.56	20.10	19.38	0.72	28.071	
285.00	284.99	285.02	285.02	0.42	0.42	98.28	0.97	19.52	20.17	19.33	0.84	23.985	ES
313.00	312.97	313.02	313.02	0.49	0.48	109.07	1.01	19.47	20.34	19.38	0.96	21.079	
342.00	341.95	342.02	342.02	0.56	0.54	113.11	1.12	19.40	20.69	19.60	1.09	18.926	
371.00	370.90	370.86	370.86	0.63	0.60	120.03	1.13	19.34	21.38	20.16	1.22	17.484	
401.00	400.82	400.59	400.59	0.70	0.66	122.11	0.98	19.49	22.69	21.34	1.36	16.720	
430.00	429.72	429.28	429.28	0.77	0.72	127.62	0.73	19.83	24.49	23.00	1.49	16.408	SF
461.00	460.59	459.88	459.87	0.85	0.79	131.86	0.33	20.41	27.02	25.38	1.64	16.493	
490.00	489.45	488.52	488.49	0.92	0.85	136.01	-0.10	21.14	29.81	28.04	1.77	16.821	
517.00	516.33	515.17	515.13	0.99	0.91	139.26	-0.61	21.91	32.68	30.78	1.90	17.238	
547.00	546.19	544.83	544.77	1.06	0.97	140.03	-1.31	22.82	36.02	34.00	2.02	17.811	
578.00	577.04	575.53	575.44	1.14	1.04	142.77	-2.16	23.69	39.67	37.51	2.16	18.368	
608.00	606.85	605.11	605.00	1.22	1.10	146.58	-3.02	24.57	43.65	41.35	2.30	18.992	
638.00	636.63	634.67	634.53	1.31	1.16	150.91	-3.88	25.51	48.06	45.62	2.44	19.723	
668.00	666.35	664.22	664.05	1.40	1.23	154.12	-4.72	26.50	52.93	50.35	2.58	20.534	
698.00	696.01	693.68	693.48	1.50	1.30	154.46	-5.53	27.52	58.29	55.57	2.72	21.439	
728.00	725.60	723.16	722.93	1.60	1.36	157.29	-6.30	28.56	64.13	61.27	2.86	22.428	
758.00	755.10	752.74	752.49	1.71	1.43	157.27	-6.92	29.63	70.32	67.32	3.00	23.466	
788.00	784.51	782.07	781.79	1.82	1.49	158.88	-7.49	30.63	76.88	73.74	3.13	24.540	
818.00	813.85	811.44	811.14	1.94	1.55	160.06	-8.04	31.57	83.74	80.48	3.27	25.629	
848.00	843.14	840.63	840.31	2.07	1.61	159.56	-8.52	32.47	90.79	87.39	3.40	26.684	
878.00	872.36	869.32	868.99	2.19	1.67	158.50	-9.06	33.35	98.10	94.56	3.54	27.720	
968.00	959.83	955.60	955.20	2.59	1.86	160.95	-11.11	36.04	121.24	117.29	3.95	30.673	
1,058.00	1,047.08	1,042.17	1,041.71	3.01	2.05	165.43	-13.63	38.44	145.86	141.50	4.36	33.429	
1,148.00	1,134.31	1,130.12	1,129.60	3.40	2.24	167.90	-15.70	40.53	170.20	165.45	4.75	35.797	
1,238.00	1,221.68	1,217.39	1,216.82	3.79	2.43	169.80	-16.85	43.14	193.62	188.47	5.15	37.612	
1,328.00	1,308.97	1,302.68	1,302.04	4.21	2.62	169.91	-18.01	46.39	217.73	212.17	5.56	39.135	
1,418.00	1,396.43	1,388.63	1,387.91	4.62	2.81	170.97	-19.59	49.83	241.62	235.64	5.98	40.389	
1,508.00	1,484.27	1,475.72	1,474.92	4.98	3.00	168.89	-21.45	53.12	264.00	257.62	6.38	41.353	
1,598.00	1,572.12	1,562.69	1,561.81	5.36	3.19	171.29	-23.40	56.27	286.39	279.61	6.79	42.203	
1,688.00	1,659.75	1,648.69	1,647.73	5.77	3.38	174.96	-25.61	59.22	310.06	302.86	7.20	43.073	
1,778.00	1,747.24	1,737.86	1,736.83	6.20	3.58	174.92	-27.68	62.15	334.13	326.51	7.62	43.848	
1,868.00	1,834.80	1,824.76	1,823.67	6.60	3.77	171.12	-29.39	64.90	357.52	349.48	8.04	44.447	
1,958.00	1,922.45	1,910.50	1,909.35	6.99	3.96	168.50	-31.29	67.52	380.52	372.07	8.46	45.000	
2,048.00	2,009.98	1,996.96	1,995.75	7.41	4.15	169.07	-33.46	70.06	404.12	395.24	8.87	45.539	
2,138.00	2,097.47	2,084.86	2,083.59	7.81	4.35	168.53	-35.65	72.50	427.79	418.49	9.30	46.008	
2,228.00	2,185.32	2,173.57	2,172.24	8.19	4.54	171.83	-37.64	74.77	449.78	440.06	9.72	46.277	
2,318.00	2,273.45	2,261.50	2,260.13	8.55	4.73	173.83	-39.48	76.84	470.38	460.26	10.12	46.477	
2,408.00	2,361.49	2,347.00	2,345.58	8.93	4.91	172.23	-41.28	78.80	491.45	480.93	10.52	46.716	
2,437.00	2,389.80	2,347.00	2,345.58	9.06	4.91	172.57	-41.28	78.80	499.37	488.77	10.59	47.140	
2,500.00	2,451.28	2,347.00	2,345.58	9.34	4.91	172.57	-41.28	78.80	521.89	511.13	10.77	48.480	
2,542.20	2,492.45	2,347.00	2,345.58	9.53	4.91	172.57	-41.28	78.80	540.57	529.69	10.88	49.673	
2,565.99	2,515.65	2,347.00	2,345.58	9.64	4.91	170.27	-41.28	78.80	552.33	541.39	10.95	50.452	
2,586.42	2,535.53	2,347.00	2,345.58	9.74	4.91	170.27	-41.28	78.80	563.11	552.10	11.01	51.160	
2,600.00	2,548.76	2,347.00	2,345.58	9.80	4.91	170.30	-41.28	78.80	570.54	559.49	11.05	51.640	
2,700.00	2,646.55	2,347.00	2,345.58	10.22	4.91	170.52	-41.28	78.80	630.31	618.97	11.34	55.593	
2,800.00	2,744.93	2,347.00	2,345.58	10.60	4.91	170.77	-41.28	78.80	697.23	685.62	11.62	60.025	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26P4BS - NBU 921-26P4BS - NBU 921-26P4BS

Offset Site Error: 0.00 ft

Survey Program: 144-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
2,900.00	2,843.81	2,347.00	2,345.58	10.94	4.91	171.06	-41.28	78.80	769.39	757.52	11.88	64.770	
3,000.00	2,943.10	2,347.00	2,345.58	11.25	4.91	171.37	-41.28	78.80	845.39	833.27	12.13	69.717	
3,100.00	3,042.71	2,347.00	2,345.58	11.52	4.91	171.70	-41.28	78.80	924.22	911.87	12.36	74.797	
3,200.00	3,142.53	2,347.00	2,345.58	11.74	4.91	172.04	-41.28	78.80	1,005.15	992.58	12.57	79.965	
3,300.00	3,242.49	2,347.00	2,345.58	11.93	4.91	172.39	-41.28	78.80	1,087.65	1,074.88	12.77	85.198	
3,339.51	3,282.00	2,347.00	2,345.58	11.99	4.91	158.78	-41.28	78.80	1,120.58	1,107.74	12.84	87.279	
3,400.00	3,342.49	2,347.00	2,345.58	12.08	4.91	158.78	-41.28	78.80	1,171.60	1,158.63	12.97	90.320	
3,500.00	3,442.49	2,347.00	2,345.58	12.23	4.91	158.78	-41.28	78.80	1,257.79	1,244.59	13.19	95.341	
3,600.00	3,542.49	2,347.00	2,345.58	12.39	4.91	158.78	-41.28	78.80	1,345.89	1,332.47	13.42	100.293	
3,700.00	3,642.49	2,347.00	2,345.58	12.56	4.91	158.78	-41.28	78.80	1,435.55	1,421.89	13.65	105.151	
3,800.00	3,742.49	2,347.00	2,345.58	12.73	4.91	158.78	-41.28	78.80	1,526.49	1,512.60	13.89	109.899	
3,900.00	3,842.49	2,347.00	2,345.58	12.90	4.91	158.78	-41.28	78.80	1,618.50	1,604.37	14.13	114.523	
4,000.00	3,942.49	2,347.00	2,345.58	13.08	4.91	158.78	-41.28	78.80	1,711.41	1,697.03	14.38	119.017	
4,100.00	4,042.49	2,347.00	2,345.58	13.27	4.91	158.78	-41.28	78.80	1,805.08	1,790.45	14.63	123.377	
4,200.00	4,142.49	2,347.00	2,345.58	13.46	4.91	158.78	-41.28	78.80	1,899.39	1,884.51	14.89	127.601	
4,300.00	4,242.49	2,347.00	2,345.58	13.66	4.91	158.78	-41.28	78.80	1,994.26	1,979.12	15.14	131.689	
4,400.00	4,342.49	2,347.00	2,345.58	13.86	4.91	158.78	-41.28	78.80	2,089.61	2,074.20	15.41	135.642	
4,500.00	4,442.49	2,347.00	2,345.58	14.07	4.91	158.78	-41.28	78.80	2,185.37	2,169.70	15.67	139.463	
4,600.00	4,542.49	2,347.00	2,345.58	14.27	4.91	158.78	-41.28	78.80	2,281.50	2,265.56	15.94	143.155	
4,700.00	4,642.49	2,347.00	2,345.58	14.49	4.91	158.78	-41.28	78.80	2,377.94	2,361.73	16.21	146.721	
4,800.00	4,742.49	2,347.00	2,345.58	14.70	4.91	158.78	-41.28	78.80	2,474.67	2,458.19	16.48	150.166	
4,900.00	4,842.49	2,347.00	2,345.58	14.93	4.91	158.78	-41.28	78.80	2,571.65	2,554.89	16.75	153.493	
5,000.00	4,942.49	2,347.00	2,345.58	15.15	4.91	158.78	-41.28	78.80	2,668.85	2,651.82	17.03	156.706	
5,100.00	5,042.49	2,347.00	2,345.58	15.38	4.91	158.78	-41.28	78.80	2,766.25	2,748.94	17.31	159.810	
5,200.00	5,142.49	2,347.00	2,345.58	15.61	4.91	158.78	-41.28	78.80	2,863.83	2,846.24	17.59	162.809	
5,300.00	5,242.49	2,347.00	2,345.58	15.84	4.91	158.78	-41.28	78.80	2,961.57	2,943.70	17.87	165.707	
5,400.00	5,342.49	2,347.00	2,345.58	16.08	4.91	158.78	-41.28	78.80	3,059.46	3,041.30	18.16	168.508	
5,500.00	5,442.49	2,347.00	2,345.58	16.32	4.91	158.78	-41.28	78.80	3,157.48	3,139.04	18.44	171.216	
5,600.00	5,542.49	2,347.00	2,345.58	16.56	4.91	158.78	-41.28	78.80	3,255.62	3,236.89	18.73	173.835	
5,700.00	5,642.49	2,347.00	2,345.58	16.80	4.91	158.78	-41.28	78.80	3,353.87	3,334.85	19.02	176.368	
5,800.00	5,742.49	2,347.00	2,345.58	17.05	4.91	158.78	-41.28	78.80	3,452.22	3,432.91	19.31	178.820	
5,900.00	5,842.49	2,347.00	2,345.58	17.30	4.91	158.78	-41.28	78.80	3,550.66	3,531.06	19.60	181.193	
6,000.00	5,942.49	2,347.00	2,345.58	17.55	4.91	158.78	-41.28	78.80	3,649.19	3,629.30	19.89	183.490	
6,100.00	6,042.49	2,347.00	2,345.58	17.80	4.91	158.78	-41.28	78.80	3,747.79	3,727.61	20.18	185.716	
6,200.00	6,142.49	2,347.00	2,345.58	18.06	4.91	158.78	-41.28	78.80	3,846.47	3,826.00	20.47	187.872	
6,300.00	6,242.49	2,347.00	2,345.58	18.32	4.91	158.78	-41.28	78.80	3,945.21	3,924.45	20.77	189.962	
6,400.00	6,342.49	2,347.00	2,345.58	18.58	4.91	158.78	-41.28	78.80	4,044.02	4,022.96	21.06	191.989	
6,500.00	6,442.49	2,347.00	2,345.58	18.84	4.91	158.78	-41.28	78.80	4,142.88	4,121.52	21.36	193.954	
6,600.00	6,542.49	2,347.00	2,345.58	19.10	4.91	158.78	-41.28	78.80	4,241.80	4,220.14	21.66	195.861	
6,700.00	6,642.49	2,347.00	2,345.58	19.37	4.91	158.78	-41.28	78.80	4,340.76	4,318.81	21.95	197.712	
6,800.00	6,742.49	2,347.00	2,345.58	19.63	4.91	158.78	-41.28	78.80	4,439.78	4,417.52	22.25	199.510	
6,900.00	6,842.49	2,347.00	2,345.58	19.90	4.91	158.78	-41.28	78.80	4,538.83	4,516.28	22.55	201.255	
7,000.00	6,942.49	2,347.00	2,345.58	20.17	4.91	158.78	-41.28	78.80	4,637.93	4,615.08	22.85	202.951	
7,100.00	7,042.49	2,347.00	2,345.58	20.44	4.91	158.78	-41.28	78.80	4,737.06	4,713.91	23.15	204.600	
7,200.00	7,142.49	2,347.00	2,345.58	20.71	4.91	158.78	-41.28	78.80	4,836.23	4,812.78	23.45	206.202	
7,300.00	7,242.49	2,347.00	2,345.58	20.98	4.91	158.78	-41.28	78.80	4,935.44	4,911.68	23.76	207.761	
7,400.00	7,342.49	2,347.00	2,345.58	21.26	4.91	158.78	-41.28	78.80	5,034.67	5,010.61	24.06	209.277	
7,500.00	7,442.49	2,347.00	2,345.58	21.53	4.91	158.78	-41.28	78.80	5,133.94	5,109.58	24.36	210.752	
7,600.00	7,542.49	2,347.00	2,345.58	21.81	4.91	158.78	-41.28	78.80	5,233.23	5,208.56	24.66	212.189	
7,700.00	7,642.49	2,347.00	2,345.58	22.09	4.91	158.78	-41.28	78.80	5,332.55	5,307.58	24.97	213.587	
7,800.00	7,742.49	2,347.00	2,345.58	22.37	4.91	158.78	-41.28	78.80	5,431.89	5,406.62	25.27	214.950	
7,900.00	7,842.49	2,347.00	2,345.58	22.65	4.91	158.78	-41.28	78.80	5,531.26	5,505.68	25.57	216.277	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26P4BS - NBU 921-26P4BS - NBU 921-26P4BS

Offset Site Error: 0.00 ft

Survey Program: 144-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
8,000.00	7,942.49	2,347.00	2,345.58	22.93	4.91	158.78	-41.28	78.80	5,630.65	5,604.77	25.88	217.570	
8,100.00	8,042.49	2,347.00	2,345.58	23.21	4.91	158.78	-41.28	78.80	5,730.06	5,703.87	26.18	218.832	
8,200.00	8,142.49	2,347.00	2,345.58	23.49	4.91	158.78	-41.28	78.80	5,829.49	5,803.00	26.49	220.061	
8,300.00	8,242.49	2,347.00	2,345.58	23.78	4.91	158.78	-41.28	78.80	5,928.94	5,902.15	26.80	221.261	
8,400.00	8,342.49	2,347.00	2,345.58	24.06	4.91	158.78	-41.28	78.80	6,028.41	6,001.31	27.10	222.431	
8,500.00	8,442.49	2,347.00	2,345.58	24.35	4.91	158.78	-41.28	78.80	6,127.90	6,100.49	27.41	223.573	
8,600.00	8,542.49	2,347.00	2,345.58	24.63	4.91	158.78	-41.28	78.80	6,227.40	6,199.68	27.72	224.688	
8,700.00	8,642.49	2,347.00	2,345.58	24.92	4.91	158.78	-41.28	78.80	6,326.92	6,298.89	28.02	225.777	
8,800.00	8,742.49	2,347.00	2,345.58	25.21	4.91	158.78	-41.28	78.80	6,426.45	6,398.12	28.33	226.841	
8,900.00	8,842.49	2,347.00	2,345.58	25.50	4.91	158.78	-41.28	78.80	6,526.00	6,497.36	28.64	227.880	
9,000.00	8,942.49	2,347.00	2,345.58	25.78	4.91	158.78	-41.28	78.80	6,625.56	6,596.61	28.95	228.895	
9,100.00	9,042.49	2,347.00	2,345.58	26.07	4.91	158.78	-41.28	78.80	6,725.13	6,695.88	29.25	229.887	
9,200.00	9,142.49	2,347.00	2,345.58	26.36	4.91	158.78	-41.28	78.80	6,824.72	6,795.16	29.56	230.857	
9,300.00	9,242.49	2,347.00	2,345.58	26.66	4.91	158.78	-41.28	78.80	6,924.32	6,894.45	29.87	231.806	
9,400.00	9,342.49	2,347.00	2,345.58	26.95	4.91	158.78	-41.28	78.80	7,023.93	6,993.75	30.18	232.734	
9,500.00	9,442.49	2,347.00	2,345.58	27.24	4.91	158.78	-41.28	78.80	7,123.55	7,093.06	30.49	233.641	
9,600.00	9,542.49	2,347.00	2,345.58	27.53	4.91	158.78	-41.28	78.80	7,223.18	7,192.38	30.80	234.530	
9,700.00	9,642.49	2,347.00	2,345.58	27.83	4.91	158.78	-41.28	78.80	7,322.82	7,291.71	31.11	235.399	
9,800.00	9,742.49	2,347.00	2,345.58	28.12	4.91	158.78	-41.28	78.80	7,422.47	7,391.05	31.42	236.250	
9,900.00	9,842.49	2,347.00	2,345.58	28.41	4.91	158.78	-41.28	78.80	7,522.13	7,490.40	31.73	237.083	
10,000.00	9,942.49	2,347.00	2,345.58	28.71	4.91	158.78	-41.28	78.80	7,621.80	7,589.76	32.04	237.900	
10,100.00	10,042.49	2,347.00	2,345.58	29.00	4.91	158.78	-41.28	78.80	7,721.48	7,689.13	32.35	238.699	
10,200.00	10,142.49	2,347.00	2,345.58	29.30	4.91	158.78	-41.28	78.80	7,821.16	7,788.50	32.66	239.482	
10,300.00	10,242.49	2,347.00	2,345.58	29.60	4.91	158.78	-41.28	78.80	7,920.86	7,887.89	32.97	240.250	
10,400.00	10,342.49	2,347.00	2,345.58	29.89	4.91	158.78	-41.28	78.80	8,020.56	7,987.28	33.28	241.002	
10,500.00	10,442.49	2,347.00	2,345.58	30.19	4.91	158.78	-41.28	78.80	8,120.27	8,086.68	33.59	241.739	
10,600.00	10,542.49	2,347.00	2,345.58	30.49	4.91	158.78	-41.28	78.80	8,219.98	8,186.08	33.90	242.463	
10,700.00	10,642.49	2,347.00	2,345.58	30.79	4.91	158.78	-41.28	78.80	8,319.71	8,285.49	34.21	243.172	
10,797.51	10,740.00	2,347.00	2,345.58	31.08	4.91	158.78	-41.28	78.80	8,416.95	8,382.43	34.52	243.850	

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26P4BS - NBU 921-26P4BS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 144-MWD, 2347-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	87.90	0.73	19.89	19.90				
169.00	169.00	169.08	169.08	0.16	0.18	126.81	0.99	19.77	19.98	19.64	0.35	57.896	
189.59	189.59	189.65	189.65	0.21	0.23	118.56	0.98	19.68	19.95	19.52	0.43	46.152	
199.00	199.00	199.04	199.04	0.23	0.24	116.69	0.98	19.66	19.96	19.49	0.47	42.292	
228.00	228.00	228.04	228.04	0.29	0.30	118.35	0.98	19.61	20.03	19.44	0.60	33.596	
256.00	256.00	256.03	256.03	0.36	0.36	102.79	0.97	19.56	20.10	19.38	0.72	28.071	
285.00	284.99	285.02	285.02	0.42	0.42	98.28	0.97	19.52	20.17	19.33	0.84	23.985	ES
313.00	312.97	313.02	313.02	0.49	0.48	109.07	1.01	19.47	20.34	19.38	0.96	21.079	
342.00	341.95	342.02	342.02	0.56	0.54	113.11	1.12	19.40	20.69	19.60	1.09	18.926	
371.00	370.90	370.86	370.86	0.63	0.60	120.03	1.13	19.34	21.38	20.16	1.22	17.484	
401.00	400.82	400.59	400.59	0.70	0.66	122.11	0.98	19.49	22.69	21.34	1.36	16.720	
430.00	429.72	429.28	429.28	0.77	0.72	127.62	0.73	19.83	24.49	23.00	1.49	16.408	SF
461.00	460.59	459.88	459.87	0.85	0.79	131.86	0.33	20.41	27.02	25.38	1.64	16.493	
490.00	489.45	488.52	488.49	0.92	0.85	136.01	-0.10	21.14	29.81	28.04	1.77	16.821	
517.00	516.33	515.17	515.13	0.99	0.91	139.26	-0.61	21.91	32.68	30.78	1.90	17.238	
547.00	546.19	544.83	544.77	1.06	0.97	140.03	-1.31	22.82	36.02	34.00	2.02	17.811	
578.00	577.04	575.53	575.44	1.14	1.04	142.77	-2.16	23.69	39.67	37.51	2.16	18.368	
608.00	606.85	605.11	605.00	1.22	1.10	146.58	-3.02	24.57	43.65	41.35	2.30	18.992	
638.00	636.63	634.67	634.53	1.31	1.16	150.91	-3.88	25.51	48.06	45.62	2.44	19.723	
668.00	666.35	664.22	664.05	1.40	1.23	154.12	-4.72	26.50	52.93	50.35	2.58	20.534	
698.00	696.01	693.68	693.48	1.50	1.30	154.46	-5.53	27.52	58.29	55.57	2.72	21.439	
728.00	725.60	723.16	722.93	1.60	1.36	157.29	-6.30	28.56	64.13	61.27	2.86	22.428	
758.00	755.10	752.74	752.49	1.71	1.43	157.27	-6.92	29.63	70.32	67.32	3.00	23.466	
788.00	784.51	782.07	781.79	1.82	1.49	158.88	-7.49	30.63	76.88	73.74	3.13	24.540	
818.00	813.85	811.44	811.14	1.94	1.55	160.06	-8.04	31.57	83.74	80.48	3.27	25.629	
848.00	843.14	840.63	840.31	2.07	1.61	159.56	-8.52	32.47	90.79	87.39	3.40	26.684	
878.00	872.36	869.32	868.99	2.19	1.67	158.50	-9.06	33.35	98.10	94.56	3.54	27.720	
968.00	959.83	955.60	955.20	2.59	1.86	160.95	-11.11	36.04	121.24	117.29	3.95	30.673	
1,058.00	1,047.08	1,042.17	1,041.71	3.01	2.05	165.43	-13.63	38.44	145.86	141.50	4.36	33.429	
1,148.00	1,134.31	1,130.12	1,129.60	3.40	2.24	167.90	-15.70	40.53	170.20	165.45	4.75	35.797	
1,238.00	1,221.68	1,217.39	1,216.82	3.79	2.43	169.80	-16.85	43.14	193.62	188.47	5.15	37.612	
1,328.00	1,308.97	1,302.68	1,302.04	4.21	2.62	169.91	-18.01	46.39	217.73	212.17	5.56	39.135	
1,418.00	1,396.43	1,388.63	1,387.91	4.62	2.81	170.97	-19.59	49.83	241.62	235.64	5.98	40.389	
1,508.00	1,484.27	1,475.72	1,474.92	4.98	3.00	168.89	-21.45	53.12	264.00	257.62	6.38	41.353	
1,598.00	1,572.12	1,562.69	1,561.81	5.36	3.19	171.29	-23.40	56.27	286.39	279.61	6.79	42.203	
1,688.00	1,659.75	1,648.69	1,647.73	5.77	3.38	174.96	-25.61	59.22	310.06	302.86	7.20	43.073	
1,778.00	1,747.24	1,737.86	1,736.83	6.20	3.58	174.92	-27.68	62.15	334.13	326.51	7.62	43.848	
1,868.00	1,834.80	1,824.76	1,823.67	6.60	3.77	171.12	-29.39	64.90	357.52	349.48	8.04	44.447	
1,958.00	1,922.45	1,910.50	1,909.35	6.99	3.96	168.50	-31.29	67.52	380.52	372.07	8.46	45.000	
2,048.00	2,009.98	1,996.96	1,995.75	7.41	4.15	169.07	-33.46	70.06	404.12	395.24	8.87	45.539	
2,138.00	2,097.47	2,084.86	2,083.59	7.81	4.35	168.53	-35.65	72.50	427.79	418.49	9.30	46.008	
2,228.00	2,185.32	2,173.57	2,172.24	8.19	4.54	171.83	-37.64	74.77	449.78	440.06	9.72	46.277	
2,318.00	2,273.45	2,261.50	2,260.13	8.55	4.73	173.83	-39.48	76.84	470.38	460.26	10.12	46.477	
2,408.00	2,361.49	2,349.03	2,347.62	8.93	4.92	172.23	-41.32	78.85	491.44	480.92	10.52	46.695	
2,437.00	2,389.80	2,377.17	2,375.74	9.06	4.98	172.61	-41.89	79.55	498.45	487.79	10.66	46.758	
2,500.00	2,451.28	2,438.26	2,436.79	9.34	5.11	172.71	-43.12	81.07	513.85	502.89	10.96	46.871	
2,542.20	2,492.45	2,474.32	2,472.83	9.53	5.19	172.75	-43.91	82.04	524.28	513.12	11.16	46.986	
2,565.99	2,515.65	2,492.83	2,491.32	9.64	5.24	170.64	-44.46	82.73	530.50	519.24	11.26	47.108	
2,586.42	2,535.53	2,500.00	2,498.48	9.74	5.25	170.65	-44.70	83.03	536.17	524.83	11.34	47.296	
2,600.00	2,548.76	2,519.11	2,517.56	9.80	5.30	170.67	-45.43	83.95	539.84	528.42	11.42	47.257	
2,700.00	2,646.55	2,600.00	2,598.14	10.22	5.51	170.68	-49.79	89.48	567.81	555.90	11.91	47.674	
2,800.00	2,744.93	2,671.48	2,669.03	10.60	5.73	170.53	-55.37	96.61	596.19	583.81	12.38	48.146	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26P4BS - NBU 921-26P4BS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 144-MWD, 2347-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
2,900.00	2,843.81	2,746.17	2,742.70	10.94	5.98	170.22	-62.94	106.30	625.03	612.17	12.86	48.585	
3,000.00	2,943.10	2,819.80	2,814.80	11.25	6.25	169.79	-72.13	118.07	654.31	640.97	13.34	49.041	
3,100.00	3,042.71	2,900.00	2,892.61	11.52	6.59	169.18	-84.06	133.38	684.10	670.26	13.84	49.427	
3,200.00	3,142.53	2,963.66	2,953.75	11.74	6.91	168.65	-94.94	147.37	714.24	699.95	14.29	49.982	
3,300.00	3,242.49	3,034.03	3,020.60	11.93	7.29	167.98	-108.42	164.69	744.92	730.17	14.76	50.484	
3,339.51	3,282.00	3,071.27	3,055.77	11.99	7.52	153.85	-115.94	174.36	756.93	741.96	14.98	50.544	
3,400.00	3,342.49	3,128.40	3,109.72	12.08	7.87	153.21	-127.48	189.20	775.06	759.73	15.33	50.553	
3,500.00	3,442.49	3,222.83	3,198.89	12.23	8.49	152.22	-146.55	213.72	805.20	789.28	15.92	50.565	
3,600.00	3,542.49	3,317.26	3,288.07	12.39	9.14	151.30	-165.62	238.25	835.56	819.03	16.53	50.550	
3,700.00	3,642.49	3,411.70	3,377.24	12.56	9.81	150.44	-184.70	262.77	866.10	848.95	17.14	50.517	
3,800.00	3,742.49	3,506.13	3,466.42	12.73	10.50	149.64	-203.77	287.29	896.80	879.03	17.77	50.471	
3,900.00	3,842.49	3,600.56	3,555.60	12.90	11.20	148.89	-222.84	311.82	927.66	909.26	18.40	50.419	
4,000.00	3,942.49	3,694.99	3,644.77	13.08	11.92	148.19	-241.92	336.34	958.65	939.62	19.04	50.359	
4,100.00	4,042.49	3,789.43	3,733.95	13.27	12.65	147.53	-260.99	360.87	989.77	970.09	19.68	50.298	
4,200.00	4,142.49	3,883.86	3,823.12	13.46	13.39	146.92	-280.06	385.39	1,021.00	1,000.67	20.32	50.235	
4,300.00	4,242.49	3,978.29	3,912.30	13.66	14.14	146.33	-299.14	409.92	1,052.32	1,031.35	20.97	50.173	
4,400.00	4,342.49	4,072.73	4,001.47	13.86	14.89	145.79	-318.21	434.44	1,083.75	1,062.12	21.63	50.110	
4,500.00	4,442.49	4,167.16	4,090.65	14.07	15.65	145.27	-337.28	458.97	1,115.26	1,092.97	22.28	50.049	
4,600.00	4,542.49	4,261.59	4,179.83	14.27	16.41	144.78	-356.36	483.49	1,146.84	1,123.90	22.94	49.988	
4,700.00	4,642.49	4,356.03	4,269.00	14.49	17.18	144.32	-375.43	508.02	1,178.50	1,154.90	23.60	49.928	
4,800.00	4,742.49	4,450.46	4,358.18	14.70	17.95	143.88	-394.50	532.54	1,210.22	1,185.96	24.27	49.870	
4,900.00	4,842.49	4,544.89	4,447.35	14.93	18.72	143.46	-413.58	557.07	1,242.01	1,217.08	24.93	49.812	
5,000.00	4,942.49	4,639.32	4,536.53	15.15	19.50	143.06	-432.65	581.59	1,273.85	1,248.25	25.60	49.756	
5,100.00	5,042.49	4,733.76	4,625.71	15.38	20.28	142.69	-451.72	606.11	1,305.75	1,279.47	26.27	49.701	
5,200.00	5,142.49	4,828.19	4,714.88	15.61	21.06	142.33	-470.80	630.64	1,337.69	1,310.74	26.94	49.646	
5,300.00	5,242.49	4,922.62	4,804.06	15.84	21.84	141.99	-489.87	655.16	1,369.68	1,342.06	27.62	49.593	
5,400.00	5,342.49	5,017.06	4,893.23	16.08	22.63	141.66	-508.94	679.69	1,401.71	1,373.41	28.29	49.541	
5,500.00	5,442.49	5,111.49	4,982.41	16.32	23.41	141.35	-528.02	704.21	1,433.78	1,404.81	28.97	49.489	
5,600.00	5,542.49	5,205.92	5,071.59	16.56	24.20	141.05	-547.09	728.74	1,465.88	1,436.23	29.65	49.439	
5,700.00	5,642.49	5,300.36	5,160.76	16.80	24.99	140.76	-566.16	753.26	1,498.03	1,467.69	30.33	49.389	
5,800.00	5,742.49	5,394.79	5,249.94	17.05	25.78	140.49	-585.24	777.79	1,530.20	1,499.19	31.01	49.340	
5,900.00	5,842.49	5,489.22	5,339.11	17.30	26.57	140.23	-604.31	802.31	1,562.40	1,530.71	31.70	49.292	
6,000.00	5,942.49	5,583.65	5,428.29	17.55	27.36	139.97	-623.38	826.84	1,594.64	1,562.25	32.38	49.245	
6,100.00	6,042.49	5,678.09	5,517.47	17.80	28.16	139.73	-642.46	851.36	1,626.89	1,593.83	33.07	49.198	
6,200.00	6,142.49	5,772.52	5,606.64	18.06	28.95	139.50	-661.53	875.89	1,659.18	1,625.42	33.76	49.152	
6,300.00	6,242.49	5,866.95	5,695.82	18.32	29.74	139.27	-680.60	900.41	1,691.49	1,657.04	34.45	49.107	
6,400.00	6,342.49	5,961.39	5,784.99	18.58	30.54	139.06	-699.68	924.93	1,723.82	1,688.68	35.14	49.062	
6,500.00	6,442.49	6,055.82	5,874.17	18.84	31.34	138.85	-718.75	949.46	1,756.17	1,720.34	35.83	49.018	
6,600.00	6,542.49	6,150.25	5,963.35	19.10	32.13	138.65	-737.82	973.98	1,788.54	1,752.02	36.52	48.975	
6,700.00	6,642.49	6,244.69	6,052.52	19.37	32.93	138.46	-756.90	998.51	1,820.93	1,783.72	37.21	48.933	
6,800.00	6,742.49	6,339.12	6,141.70	19.63	33.73	138.27	-775.97	1,023.03	1,853.34	1,815.43	37.91	48.891	
6,900.00	6,842.49	6,433.55	6,230.87	19.90	34.52	138.09	-795.04	1,047.56	1,885.76	1,847.16	38.60	48.849	
7,000.00	6,942.49	6,527.98	6,320.05	20.17	35.32	137.92	-814.11	1,072.08	1,918.20	1,878.90	39.30	48.809	
7,100.00	7,042.49	6,622.42	6,409.22	20.44	36.12	137.75	-833.19	1,096.61	1,950.66	1,910.66	40.00	48.768	
7,200.00	7,142.49	6,716.85	6,498.40	20.71	36.92	137.59	-852.26	1,121.13	1,983.13	1,942.44	40.70	48.729	
7,300.00	7,242.49	7,024.93	6,794.21	20.98	38.61	137.16	-904.78	1,188.66	2,010.60	1,968.49	42.11	47.743	
7,400.00	7,342.49	7,349.31	7,113.69	21.26	39.75	136.91	-938.67	1,232.24	2,027.45	1,984.06	43.39	46.729	
7,500.00	7,442.49	7,678.84	7,442.49	21.53	40.40	136.83	-950.19	1,247.05	2,033.03	1,988.56	44.47	45.717	
7,600.00	7,542.49	7,778.84	7,542.49	21.81	40.53	136.83	-950.19	1,247.05	2,033.03	1,988.05	44.98	45.203	
7,700.00	7,642.49	7,878.84	7,642.49	22.09	40.66	136.83	-950.19	1,247.05	2,033.03	1,987.55	45.48	44.700	
7,800.00	7,742.49	7,978.84	7,742.49	22.37	40.80	136.83	-950.19	1,247.05	2,033.03	1,987.04	45.99	44.205	
7,900.00	7,842.49	8,078.84	7,842.49	22.65	40.94	136.83	-950.19	1,247.05	2,033.03	1,986.52	46.50	43.718	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Offset Design NBU 921-26J Pad - NBU 921-26P4BS - NBU 921-26P4BS - PLAN #1 1-6-10 RHS

Offset Site Error: 0.00 ft

Survey Program: 144-MWD, 2347-MWD

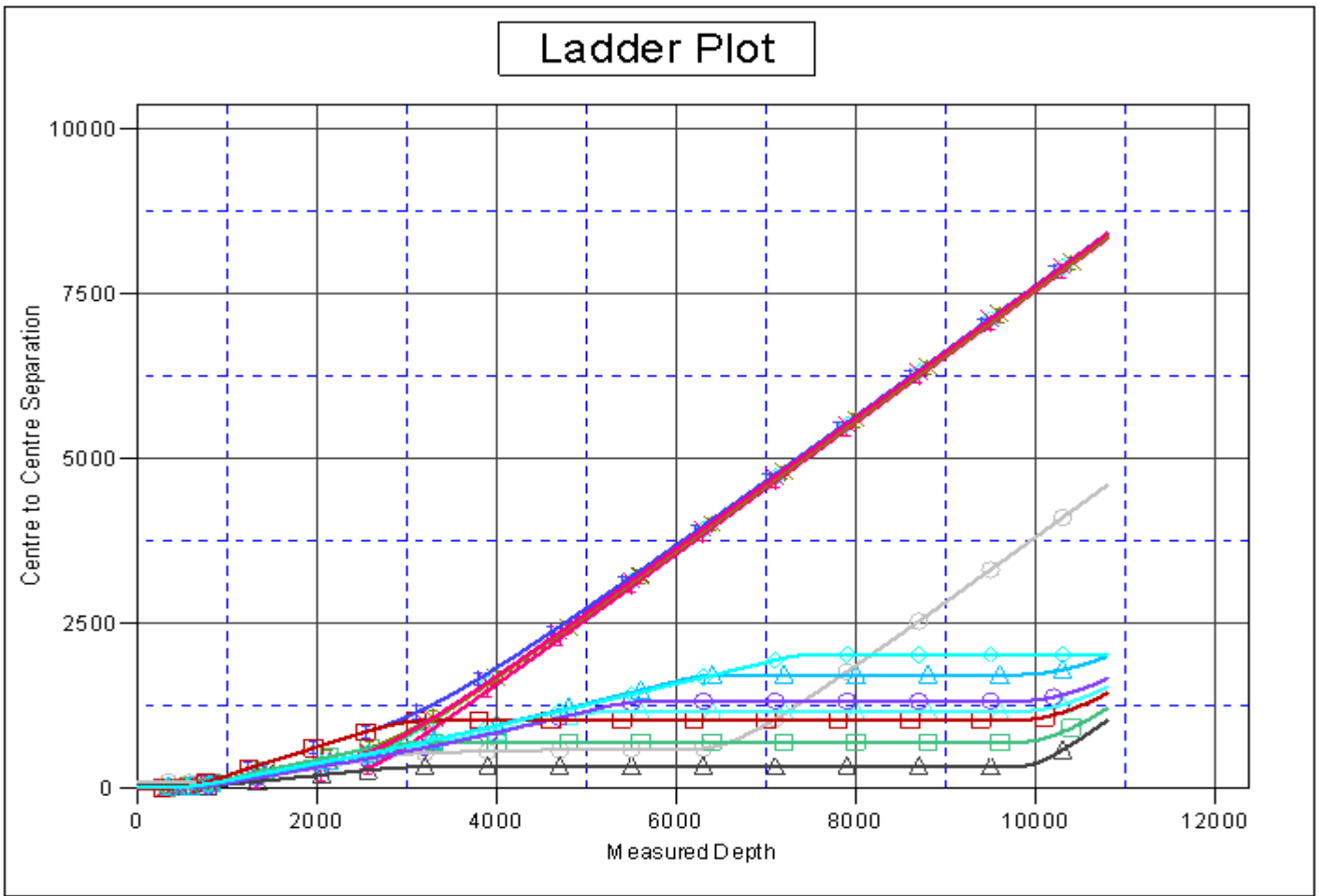
Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
8,000.00	7,942.49	8,178.84	7,942.49	22.93	41.08	136.83	-950.19	1,247.05	2,033.03	1,986.01	47.02	43.239	
8,100.00	8,042.49	8,278.84	8,042.49	23.21	41.22	136.83	-950.19	1,247.05	2,033.03	1,985.49	47.54	42.768	
8,200.00	8,142.49	8,378.84	8,142.49	23.49	41.36	136.83	-950.19	1,247.05	2,033.03	1,984.97	48.06	42.305	
8,300.00	8,242.49	8,478.84	8,242.49	23.78	41.51	136.83	-950.19	1,247.05	2,033.03	1,984.45	48.58	41.850	
8,400.00	8,342.49	8,578.84	8,342.49	24.06	41.66	136.83	-950.19	1,247.05	2,033.03	1,983.92	49.10	41.403	
8,500.00	8,442.49	8,678.84	8,442.49	24.35	41.81	136.83	-950.19	1,247.05	2,033.03	1,983.40	49.63	40.963	
8,600.00	8,542.49	8,778.84	8,542.49	24.63	41.96	136.83	-950.19	1,247.05	2,033.03	1,982.87	50.16	40.530	
8,700.00	8,642.49	8,878.84	8,642.49	24.92	42.11	136.83	-950.19	1,247.05	2,033.03	1,982.33	50.69	40.105	
8,800.00	8,742.49	8,978.84	8,742.49	25.21	42.27	136.83	-950.19	1,247.05	2,033.03	1,981.80	51.23	39.686	
8,900.00	8,842.49	9,078.84	8,842.49	25.50	42.42	136.83	-950.19	1,247.05	2,033.03	1,981.26	51.76	39.275	
9,000.00	8,942.49	9,178.84	8,942.49	25.78	42.58	136.83	-950.19	1,247.05	2,033.03	1,980.72	52.30	38.871	
9,100.00	9,042.49	9,278.84	9,042.49	26.07	42.74	136.83	-950.19	1,247.05	2,033.03	1,980.18	52.84	38.474	
9,200.00	9,142.49	9,378.84	9,142.49	26.36	42.91	136.83	-950.19	1,247.05	2,033.03	1,979.64	53.38	38.083	
9,300.00	9,242.49	9,478.84	9,242.49	26.66	43.07	136.83	-950.19	1,247.05	2,033.03	1,979.10	53.93	37.699	
9,400.00	9,342.49	9,578.84	9,342.49	26.95	43.24	136.83	-950.19	1,247.05	2,033.03	1,978.55	54.47	37.321	
9,500.00	9,442.49	9,678.84	9,442.49	27.24	43.40	136.83	-950.19	1,247.05	2,033.03	1,978.00	55.02	36.949	
9,600.00	9,542.49	9,778.84	9,542.49	27.53	43.57	136.83	-950.19	1,247.05	2,033.03	1,977.45	55.57	36.584	
9,700.00	9,642.49	9,878.84	9,642.49	27.83	43.74	136.83	-950.19	1,247.05	2,033.03	1,976.90	56.12	36.224	
9,800.00	9,742.49	9,978.84	9,742.49	28.12	43.92	136.83	-950.19	1,247.05	2,033.03	1,976.35	56.68	35.871	
9,900.00	9,842.49	10,078.84	9,842.49	28.41	44.09	136.83	-950.19	1,247.05	2,033.03	1,975.80	57.23	35.524	
10,000.00	9,942.49	10,178.84	9,942.49	28.71	44.27	136.83	-950.19	1,247.05	2,033.03	1,975.24	57.79	35.182	
10,100.00	10,042.49	10,278.84	10,042.49	29.00	44.44	136.83	-950.19	1,247.05	2,033.03	1,974.68	58.34	34.846	
10,200.00	10,142.49	10,378.84	10,142.49	29.30	44.62	136.83	-950.19	1,247.05	2,033.03	1,974.12	58.90	34.515	
10,300.00	10,242.49	10,478.84	10,242.49	29.60	44.80	136.83	-950.19	1,247.05	2,033.03	1,973.56	59.46	34.189	
10,400.00	10,342.49	10,578.84	10,342.49	29.89	44.99	136.83	-950.19	1,247.05	2,033.03	1,973.00	60.03	33.869	
10,500.00	10,442.49	10,678.84	10,442.49	30.19	45.17	136.83	-950.19	1,247.05	2,033.03	1,972.44	60.59	33.555	
10,600.00	10,542.49	10,778.84	10,542.49	30.49	45.35	136.83	-950.19	1,247.05	2,033.03	1,971.87	61.15	33.245	
10,665.81	10,608.31	10,844.65	10,608.31	30.68	45.48	136.83	-950.19	1,247.05	2,033.03	1,971.50	61.53	33.044	
10,700.00	10,642.49	10,876.34	10,640.00	30.79	45.54	136.83	-950.19	1,247.05	2,033.03	1,971.32	61.71	32.943	
10,797.51	10,740.00	10,876.34	10,640.00	31.08	45.54	136.83	-950.19	1,247.05	2,035.48	1,973.47	62.01	32.823	

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Reference Depths are relative to WELL @ 5035.00ft (Original Well Ele\Coordinates are relative to: NBU 921-26J3AS
Offset Depths are relative to Offset Datum
Coordinate System is Universal Transverse Mercator (US Survey Feet), Zone 12N
Central Meridian is 111° 0' 0.000 W °
Grid Convergence at Surface is: 0.95°



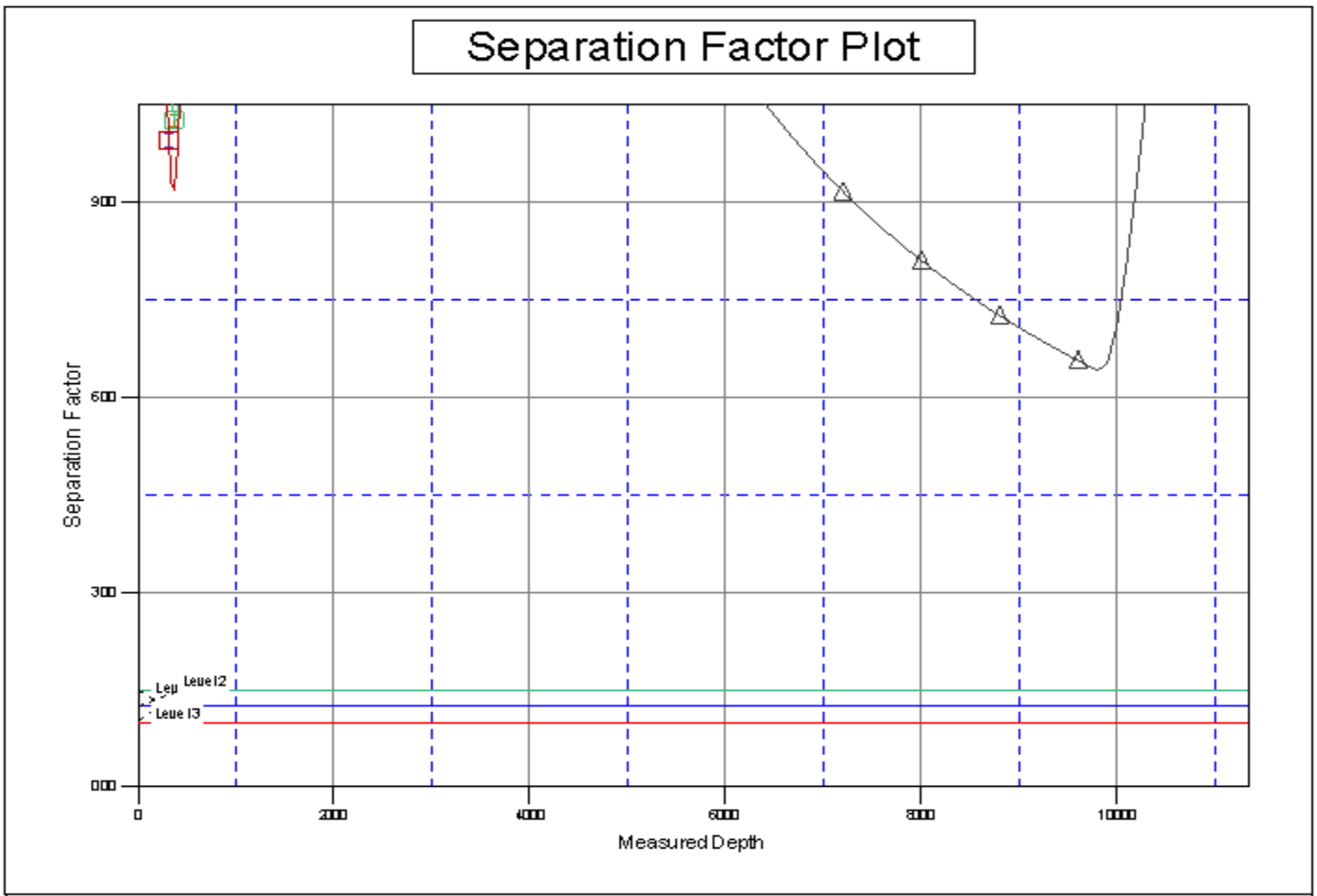
LEGEND

J154 EXISTING, NBU 154 EXISTING V0
21-26I3DS, NBU 921-26I3DS V0
21-26I3DS, PLAN#11-6-10 RHS V0
21-26J3DS, NBU 921-26J3DS V0
21-26J3DS, PLAN#11-6-10 RHS V0
NBU921-26O1BS, NBU921-26O1BS, NBU921-26O1BS V0
NBU921-26O1BS, NBU921-26O1BS, PLAN#11-6-10 RHS V0
NBU921-26O2CS, NBU921-26O2CS, NBU921-26O2CS V0
NBU921-26O2CS, NBU921-26O2CS, PLAN#11-6-10 RHS V0
NBU921-26O2DS, NBU921-26O2DS, NBU921-26O2DS V0
NBU921-26O2DS, NBU921-26O2
NBU921-26O3BS, NBU921-26O3
NBU921-26O3BS, NBU921-26O3
NBU921-26P4BS, NBU921-26P4
NBU921-26P4BS, NBU921-26P4

RECEIVED April 01, 2010

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Reference Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site Error:	0.00ft	**North Reference:**	True
Reference Well:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00ft	**Output errors are at**	2.00 sigma
Reference Wellbore	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db
Reference Design:	PLAN #1 1-6-10 RHS	**Offset TVD Reference:**	Offset Datum

Reference Depths are relative to WELL @ 5035.00ft (Original Well Ele\Coordinates are relative to: NBU 921-26J3AS
Offset Depths are relative to Offset Datum
Coordinate System is Universal Transverse Mercator (US Survey Feet), Zone 12N
Central Meridian is 111° 0' 0.000 W °
Grid Convergence at Surface is: 0.95°



LEGEND

J154 EXISTING, NBU 154 EXISTING V0
21-26I3DS, NBU 921-26I3DS V0
21-26I3DS, PLAN #11-6-10 RHS V0
21-26J3DS, NBU 921-26J3DS V0
21-26J3DS, PLAN #11-6-10 RHS V0
NBU921-26O1BS, NBU921-26O1BS, NBU921-26O1BS V0
NBU921-26O1BS, NBU921-26O1BS, PLAN#11-6-10 RHS V0
NBU921-26O2CS, NBU921-26O2CS, NBU921-26O2CS V0
NBU921-26O2CS, NBU921-26O2CS, PLAN#11-6-10 RHS V0
NBU921-26O2DS, NBU921-26O2DS, NBU921-26O2DS V0
NBU921-26O2DS, NBU921-26O2
NBU921-26O3BS, NBU921-26O3
NBU921-26O3BS, NBU921-26O3
NBU921-26P4BS, NBU921-26P4E
NBU921-26P4BS, NBU921-26P4I

RECEIVED April 01, 2010

API Well No: 43047508830000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: ML 22934

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: NBU 921-26J3AS

2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.

9. API NUMBER: 43047508830000

3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779

PHONE NUMBER: 720 929-6007 Ext

9. FIELD and POOL or WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1437 FSL 1841 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 26 Township: 09.0S Range: 21.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ NOTICE OF INTENT — Approximate date work will start:
- ☐ SUBSEQUENT REPORT — Date of Work Completion:
- ☐ SPUD REPORT — Date of Spud:
- ✓ DRILLING REPORT — Report Date: 5/11/2010

TYPE OF ACTION

☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

FINISHED DRILLING FROM 2740' TO 10,650' ON MAY 11, 2010. RAN 4 ½" 11.6# I-80 PRODUCTION CSG. PUMP 40 BBLS SPACER, LEAD CEMENT W/ 582 SX CLASS G PREM LITE @ 13.0 PPG, 1.76 YD. TAILED CEMENT W/ 1209 SX CLASS G 50/50 POZ MIX @ 14.3 PPG, 1.31 YD. DROP PLUG & DISPLACE W/ 168 BBLS WATER, BUMPED PLUG, FLOATS HELD. RD CEMENTERS AND CLEANED PITS. RELEASED H&P RIG # 298 ON MAY 11, 2010 @ 08:00 HRS.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
May 18, 2010

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Andy Lytle	720 929-6100	Regulatory Analyst
SIGNATURE N/A		**DATE** 5/12/2010

RECEIVED May 12, 2010

API Well No: 43047508830000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

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7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: NBU 921-26J3AS

2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.

9. API NUMBER: 43047508830000

3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779

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4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1437 FSL 1841 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 26 Township: 09.0S Range: 21.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 7/14/2010	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	✓ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

PER THE CONDITIONS OF APPROVAL APPLIED TO THE 4/1/2010 SUNDRY NOTICE OF INTENT TO CHANGE THE TOTAL DEPTH OF THIS WELLBORE, ATTACHED IS THE PROPOSED COMPLETIONS PROCEDURE FOR THIS WELL.

Approved by the Utah Division of Oil, Gas and Mining

Date: July 13, 2010

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Andy Lytle	720 929-6100	Regulatory Analyst
SIGNATURE N/A		**DATE** 7/13/2010

RECEIVED July 13, 2010

Greater Natural Buttes Unit

NBU 921-26J3AS

COMPLETIONS PROCEDURE

DATE:7/8/2010
AFE#:2034925

COMPLETIONS ENGINEER: **Conner Staley, Denver, CO**
(720)-929-6419 (Office)

SIGNATURE:

ENGINEERING MANAGER: **JEFF DUFRESNE**

SIGNATURE:

R E M E M B E R S A F E T Y F I R S T !

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Name: **NBU 921-26J3AS**
Location: **NESWNWSE 26 T9S R21E**
Uintah County, UT
Date: **7/8/2010**

ELEVATIONS: 5009 GL 5035 KB

TOTAL DEPTH: 10650 **PBTD:** 10589
SURFACE CASING: 8 5/8", 32# IJ-55 LT&C @ 2464'
PRODUCTION CASING: 4 1/2", 11.6#, HCP-110 LT&C @ 10637'
Marker Joint **5768 - 5783**'

TUBULAR PROPERTIES:

	BURST (psi)	COLLAPSE (psi)	DRIFT DIA. (in.)	CAPACITIES (bbl/ft)	(gal/ft)
2 3/8" 4.7# J-55 tbg	7,700	8,100	1.901"	0.00387	0.1624
4 ½" 11.6# HCP-110 (See above)	10690	8650	3.875"	0.0155	0.6528
2 3/8" by 4 ½" Annulus				0.0101	0.4227

TOPS:

1624' Green River
1835' Bird's Nest
2179' Mahogany
4857' Wasatch
7632' Mesaverde
10650' Bottom of Mesaverde (TD)

T.O.C.@ 6000'

GENERAL:

- A minimum of **16** tanks (cleaned lined 500 bbl) of recycled water will be required. Note: Use biocide in tanks and the water needs to be at least 45°F at pump time.
- All perforation depths are from Schlumbergers Induction-Density-Neutron log dated 5/9/10
- **2** fracturing stages required for coverage.
- Procedure calls for 2 CBP's (**10000** psi).
- Calculate open perforations after each breakdown. If less than 60% of the perforations appear to be open, ball out with 15% HCl.
- Pump scale inhibitor at 3 gal/1000 during pad and sand ramp up to 1.25ppg. Pump at 10 gal/1000 during flush.
- 20/40 mesh Santrol TLC sand, **Slickwater frac**.
- **Pump Radioactive Tracer with each job – One isotope in stage 1, and 2 isotopes in stage 2**
- **Maximum surface pressure 9000 psi. Note bad cement above 6000'**
- Flush volumes are the sum of slick water and acid used during displacement (include scale inhibitor as mentioned above). Stage acid and scale inhibitor if necessary to cover the next perforated interval.

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- **Call flush at 0 PPG @ inline densiometers. Slow to 5 bbl/min over last 10-20 bbls of flush. Flush to top perf.**
- **If distance between plug and top perf of previous stage is less than 50', it is considered to be tight spacing - over flush stage by 5 bbls (from top perf)**
- **A Step Down Test should be performed during the pad of each stage. See attached Step Down Test document for details.**
- **Break down the bottom perforation set in each stage by pumping in prior to firing all guns**
- Service companies need to provide surface/production annulus pop-offs to be set for 1500 psi for each frac.

PROCEDURE:

1. MIRU. NU and test BOP. RIH 3 7/8" mill and clean out to 10625' at a minimum. Circulate hole clean with recycled water. POOH. Run CBL (if needed). Pressure test BOP and casing to **9000** psi.

2. Perf the following with 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
MESAVERDE	10553	10557	2	8
MESAVERDE	10568	10572	3	12
MESAVERDE	10580	10582	4	8
MESAVERDE	10598	10600	4	8

3. Breakdown **bottom set of perfs** and establish injection rate (include scale inhibitor in fluid). **PUH and shoot the rest of the perforations**. Spot 250 gal of 15% HCl and let soak. Fracture as outlined in Stage 1 on attached listing. Under-displace to ~10553' and trickle 250gal 15%HCL w/ scale inhibitor in flush . Pump 1 RA tracer isotope with this stage.

4. Set 8000 psi CBP at ~10503'. Perf the following 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
MESAVERDE	10380	10382	3	6
MESAVERDE	10392	10394	3	6
MESAVERDE	10414	10416	3	6
MESAVERDE	10446	10450	3	12
MESAVERDE	10458	10460	4	8

5. Breakdown bottom set of perfs and establish injection rate include scale inhibitor in fluid). **PUH and shoot the rest of the perforations**. Spot 250 gal of 15% HCl and let soak. Fracture as outlined in Stage 2 on attached listing. Under-displace to ~10380' and flush only with recycled water. Pump 2 RA tracer isotopes with this stage

6. Set 8000 psi CBP at~10330'.

7. TIH with 3 7/8" bit, pump off sub, SN and tubing.

8. Drill plugs and clean out to PBTD. Shear off bit and land tubing at ±**10350**' unless indicated otherwise by the well's behavior.

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9. Clean out well with foam and/or swabbing unit until steady flow has been established from completion.

10. RDMO

For design questions, please call
Conner Staley, Denver, CO
(720)-929-6419 (Office)

For field implementation questions, please call
Jeff Samuels Vernal, UT
435-781-9770 (Office)

NOTES:

- **20/40 TLC for the entire job – no tail in.**
- **Radioactive tracer with one isotope on stage 1, and two isotopes on stage 2**
- **Step down or Step rate test on each stage (see instructions below)**
- **Break down bottom perf set in each stage**
- **Pump extra sweeps and/or lower sand concentration if needed**
- **Max Pressure of 9000 psi due to low cement top**

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Fracturing Schedules

Name NBU 921-26J3AS Bl

Copy to new book

Slickwater Frac

Recomplete?	N
Pad?	Y
ACTS?	Y

Swabbing Days	0	Enter Number of swabbing days here for recompletes
Production Log	0	Enter 1 if running a Production Log
DFIT	0	Enter Number of DFITs

Stage	Zone	Perfs Top, ft.	Perfs Bot., ft	SPF	Holes	Rate BPM	Fluid Type	Initial ppg	Final ppg	Fluid	Volume gals	Cum Vol gals	Volume BBLs	Cum Vol BBLs	Fluid % of frac	Sand % of frac	Sand lbs	Cum. Sand lbs	Footage from CBP to Flush	Scale Inhib., gal.
1	MESAVERDE	10553	10557	2	8	Varied	Pump-in test			Slickwater		0	0	0						
	MESAVERDE	10568	10572	3	12	0	ISIP and 5 min ISIP													68
	MESAVERDE	10580	10582	4	8	50	Slickwater Pad			Slickwater	24,300	24,300	579	579	30.0%	0.0%	0	0		73
	MESAVERDE	10598	10600	4	8	50	Slickwater Ramp	0.25	1.25	Slickwater	28,350	52,650	675	1,254	35.0%	32.1%	21,263	21,263		85
	MESAVERDE					50	SW Sweep	0	0	Slickwater	0	52,650	0	1,254		0.0%	0	21,263		0
	MESAVERDE					50	Slickwater Ramp	1.25	1.5	Slickwater	20,250	72,900	482	1,736	25.0%	42.0%	27,844	49,106		0
	MESAVERDE					50	SW Sweep	0	0	Slickwater	5,250	78,150	125	1,861		0.0%	0	49,106		0
	MESAVERDE					50	Slickwater Ramp	0.5	1.5	Slickwater	3,000	81,150	71	1,932		4.5%	3,000	52,106		0
	MESAVERDE					50	Slickwater Ramp	1.5	2	Slickwater	8,100	89,250	193	2,125	10.0%	21.4%	14,175	66,281		0
	MESAVERDE					50	Flush (4-1/2)				6,889	96,139	164	2,289				66,281		68
	MESAVERDE						ISDP and 5 min ISDP					96,139								295
					Look											gal/ft	4,500	3,682	lbs sand/md-ft	
			# of Perfs/stage		36									Flush depth	10553		CBP depth	10,503	50	
						45.8	<< Above pump time (min)													
2	MESAVERDE	10380	10382	3	6	Varied	Pump-in test			Slickwater		0	0	0						
	MESAVERDE	10392	10394	3	6	0	ISIP and 5 min ISIP													
	MESAVERDE	10414	10416	3	6	50	Slickwater Pad			Slickwater	41,850	41,850	996	996	30.0%	0.0%	0	0		126
	MESAVERDE	10446	10450	3	12	50	Slickwater Ramp	0.25	1.25	Slickwater	48,825	90,675	1,163	2,159	35.0%	34.0%	36,619	36,619		146
	MESAVERDE	10458	10460	4	8	50	SW Sweep	0	0	Slickwater	5,250	95,925	125	2,284		0.0%	0	36,619		0
	MESAVERDE					50	Slickwater Ramp	1	1.5	Slickwater	34,875	130,800	830	3,114	25.0%	40.5%	43,594	80,213		0
	MESAVERDE					50	SW Sweep	0	0	Slickwater	10,500	141,300	250	3,364		0.0%	0	80,213		0
	MESAVERDE					50	Slickwater Ramp	0.5	1.5	Slickwater	3,000	144,300	71	3,436		2.8%	3,000	83,213		0
	MESAVERDE					50	Slickwater Ramp	1.5	2	Slickwater	13,950	158,250	332	3,768	10.0%	22.7%	24,413	107,625		0
	MESAVERDE					50	Flush (4-1/2)				6,776	165,026	161	3,929				107,625		0
	MESAVERDE						ISDP and 5 min ISDP					165,026								272
					Look											gal/ft	4,500	3,472	lbs sand/md-ft	
			# of Perfs/stage		38									Flush depth	10380		CBP depth	10,330	50	
						78.6	<< Above pump time (min)													
	Totals				74						Total Fluid	261,165	gals	6,218	bbls		Total Sand	173,906		
												6,218	bbls							
						2.1								13.8	tanks				Total Scale Inhib. =	567

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Name NBU 921-26J3AS Blackhawk
Perforation and CBP Summary

Stage	Zones	Perforations Top, ft	Perforations Bottom, ft	SPF	Holes		Fracture Coverage		
1	MESAVERDE	10553	10557	2	8		10553	to	10560
	MESAVERDE	10568	10572	3	12		10568	to	10573
	MESAVERDE	10580	10582	4	8		10580	to	10582
	MESAVERDE	10598	10600	4	8		10596	to	10600
	MESAVERDE								
	MESAVERDE								
	MESAVERDE								
					Look				
	# of Perfs/stage				36		CBP DEPTH	10,503	
2	MESAVERDE	10380	10382	3	6		10380	to	10382
	MESAVERDE	10392	10394	3	6		10391	to	10395
	MESAVERDE	10414	10416	3	6		10410	to	10416
	MESAVERDE	10446	10450	3	12		10436	to	10450
	MESAVERDE	10458	10460	4	8		10455	to	10460
	MESAVERDE								
	MESAVERDE								
	MESAVERDE								
					Look				
	# of Perfs/stage				38		CBP DEPTH	10,330	
	Totals				74				

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Step Down Test

The purpose of the Step Down Test (SDT) is to find the amount of friction due to perforations and the near wellbore area. The perforation friction is important because it is used to calculate the number of perfs open. Near wellbore friction is caused by complexity in the near wellbore area such as tortuosity (indirect path to preferred frac direction) or multiple thin fractures. In general, the incremental perforation friction increases as rate increases (concave up). The incremental near wellbore friction decreases as rate increases (concave sideways). By doing the SDT with a series of decreasing rates, the perf friction and near wellbore friction can both be calculated.

Procedure

A regular breakdown and ISIP should **NOT** be performed first. There should be 4–5 steps in the SDT using 4-6 frac pumps. Each step would involve 1-2 frac pumps coming offline. The steps don't have to be the same rate decrease, but they should be relatively short (10-20 seconds each). On the small stages especially, it will be critical to get to max rate as quickly as possible. The SDT should be performed as follows.

1. Starting from zero, the pump rate should be increased as quickly as possible to **50 bpm**, with careful attention to stay under the maximum pressure of **7000 psi**. Seeing a break is **NOT** necessary and should not delay getting to the max pump rate. If 50 bpm isn't possible, then the rate should be at least 40-45 bpm. This max rate should be held constant long enough for the pressure to stabilize (it shouldn't be spiking up and down). It is recommended to pump about 50% of the total pad before the next step.

2. When the pressure has stabilized, a pump should be quickly dropped offline and the rate held constant. The pressure should stabilize within 10-20 seconds. Once the pressure has stabilized, another pump should be quickly dropped offline and the rate should be held constant until the pressure has stabilized. Continue this process until all pumps have been taken offline and the pump rate is zero.

3. Once all pumps are offline, the pressure should be monitored until an ISIP is found. After the ISIP, the pumps should be brought back online as quickly as possible and the remainder of the pad pumped. Then the frac should proceed as normal.

4. The rate and stabilized pressure from each step should be accurately recorded and sent to the completion engineer for analysis. These rates and pressures can be recorded when convenient, such as between frac stages to save pump time. This info can be sent to the completion engineer after the well or pad is finished.

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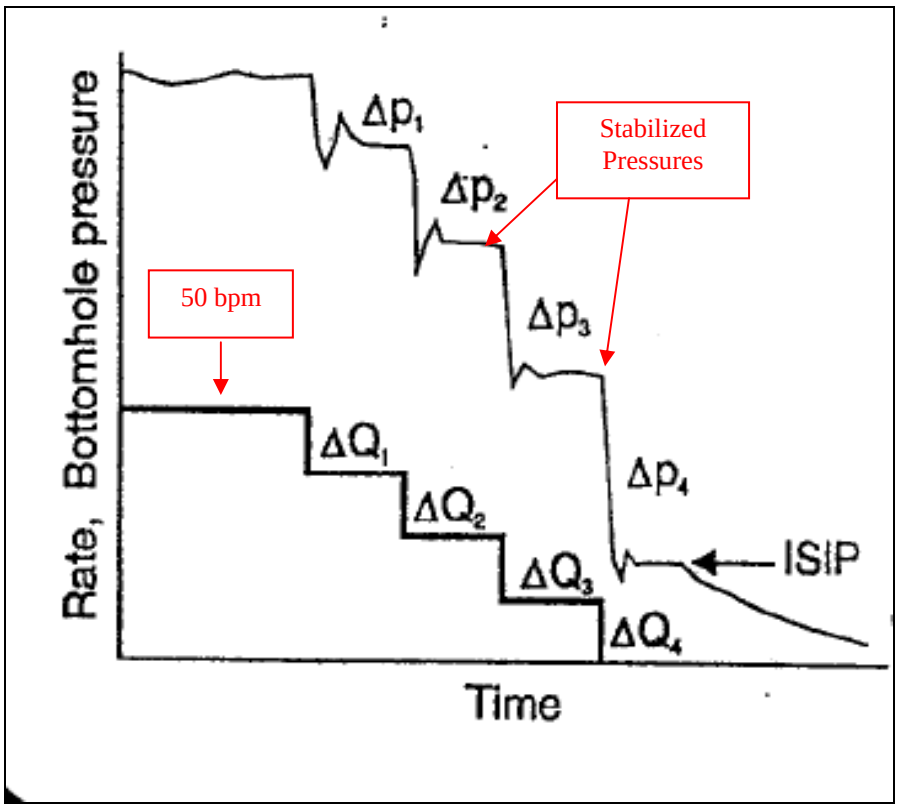
Step Down Test Example



RECEIVED July 13, 2010

API Well No: 43047508830000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

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	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	✓ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
✓ DRILLING REPORT Report Date: 7/21/2010	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

THE SUBJECT WELL WAS PLACED ON PRODUCTION ON JULY 21, 2010 AT 9:30 A.M. THE CHRONOLOGICAL WELL HISTORY WILL BE SUBMITTED WITH THE WELL COMPLETION REPORT.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
July 26, 2010

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Andy Lytle	720 929-6100	Regulatory Analyst
SIGNATURE N/A		**DATE** 7/23/2010

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ (highlight changes)

FORM 8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER: ML 22934

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME: UTU63047A

8. WELL NAME and NUMBER: NBU 921-26J3AS

9. API NUMBER: 4304750883

10 FIELD AND POOL, OR WILDCAT: NATURAL BUTTES

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ DRY ☐ OTHER

b. TYPE OF WORK: NEW WELL ☑ HORIZ. LATS. ☐ DEEP-EN ☐ RE-ENTRY ☐ DIFF. RESVR. ☐ OTHER

2. NAME OF OPERATOR: KERR MCGEE OIL & GAS ONSHORE, L.P.

3. ADDRESS OF OPERATOR: P.O.BOX 173779 CITY DENVER STATE CO ZIP 80217

PHONE NUMBER: (720) 929-6100

4. LOCATION OF WELL (FOOTAGES)

AT SURFACE: NWSE 1437 FSL 1841 FEL S26T9SR21E

AT TOP PRODUCING INTERVAL REPORTED BELOW: NWSE 1964 FSL 1990 FEL S26T9SR21E

AT TOTAL DEPTH: NWSE 1964 FSL 1990 FEL S26T9SR21E

1991

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 26 9S 21E S

12. COUNTY: UINTAH

13. STATE: UTAH

14. DATE SPUDDED: 2/25/2010

15. DATE T.D. REACHED: 5/11/2010

16. DATE COMPLETED: 7/21/2010 ABANDONED ☐ READY TO PRODUCE ☑

17. ELEVATIONS (DF, RKB, RT, GL): 5009 GL

18. TOTAL DEPTH: MD 10,650 TVD 10,592

19. PLUG BACK T.D.: MD 10,590 TVD 10,532

20. IF MULTIPLE COMPLETIONS, HOW MANY? *

21. DEPTH BRIDGE PLUG SET: MD TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)

GR/CBL-TRIPLE COMBO-CHV/GR

23.

WAS WELL CORED?	NO ☑	YES ☐	(Submit analysis)
WAS DST RUN?	NO ☑	YES ☐	(Submit report)
DIRECTIONAL SURVEY?	NO ☐	YES ☑	(Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
20"	14" STL	36.7#		40		28			
11	8 5/8" J-55	28#		2,464		530			
7 7/8"	4 1/2" I-80	11.6#		10,637		1,791			

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	10,348							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) MESAVERDE	10,380	10,600		
(B)				
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
10,380 10,600	0.36	74	Open ☑ Squeezed ☐
			Open ☐ Squeezed ☐
			Open ☐ Squeezed ☐
			Open ☐ Squeezed ☐

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
10,380-10,600	PUMP 8,288 BBLS SLICK H2O & 194,363 LBS 30/50 SAND

29. ENCLOSED ATTACHMENTS:

☐ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☐ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☐ OTHER:

30. WELL STATUS: PROD

RECEIVED
AUG 30 2010
DIV. OF OIL, GAS & MINING

(5/2000)

(CONTINUED ON BACK)

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
7/21/2010	7/24/2010	24		0	2,118	432	FLOWING

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:
20/64	1,050	1,850					0	2,118	432	PROD

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
GREEN RIVER	1,624				
BIRD'S NEST	1,835				
MAHOGANY	2,179				
WASATCH	4,857				
MESAVERDE	7,632	10,650	TD		

35. ADDITIONAL REMARKS (Include plugging procedure)

ATTACHED IS THE CHRONOLOGICAL WELL HISTORY AND FINAL DIRECTIONAL SURVEY.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) ANDREW LYTLE TITLE REGULATORY ANALYST

SIGNATURE DATE 8/17/2010

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

Anadarko E&P Company LP

NBU 921-26J3AS
UINTAH COUNTY, UTAH (nad 27)
SECTION 26 T9S R21 E
(1437 FSL 1841 FEL)
LAT: 40° 0' 13.457 N
LONG: 109° 30' 55.357 W
RIG: H&P 298

Weatherford®

Azimuths to True North
Magnetic North: 11.25°

Magnetic Field
Strength: 52457.1snT
Dip Angle: 65.92°
Date: 4/23/2010
Model: BGGM2009

WELL DETAILS: NBU 921-26J3AS

Ground Level: 5009.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	14530868.63	2056183.17	40° 0' 13.457 N	109° 30' 55.357 W	

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
4782.00	4839.51	WASATCH
8997.00	9054.51	MESAVERDE

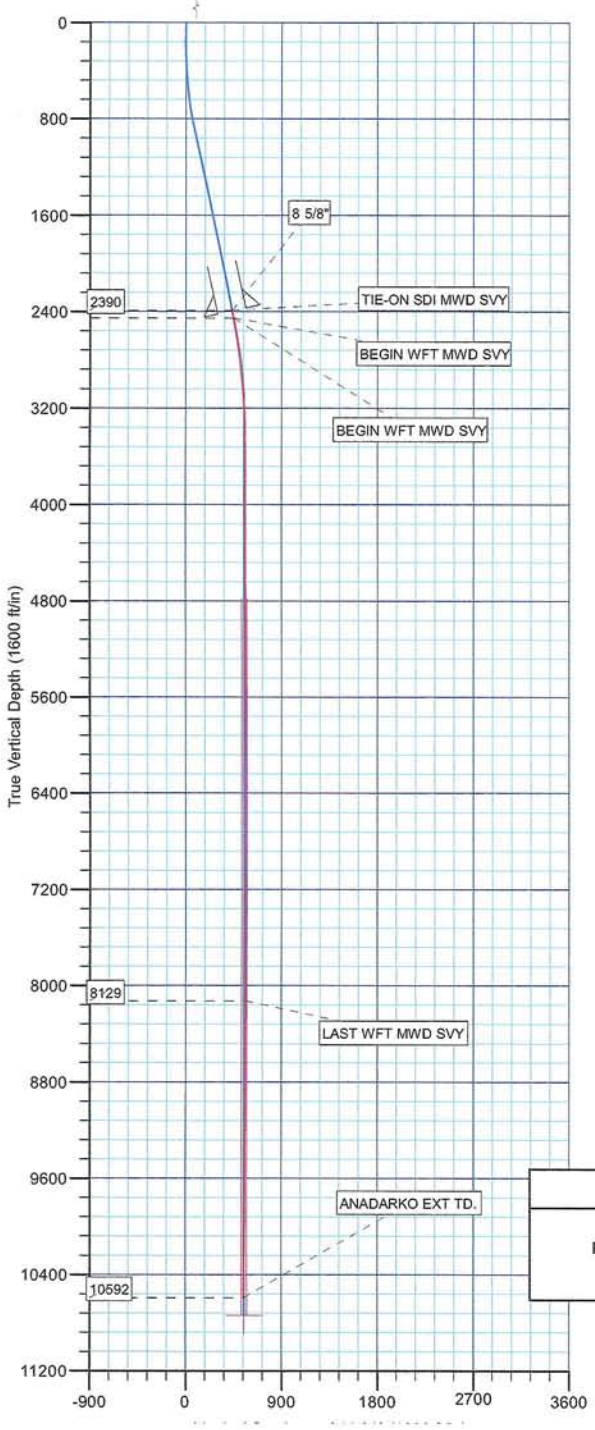
SECTION DETAILS

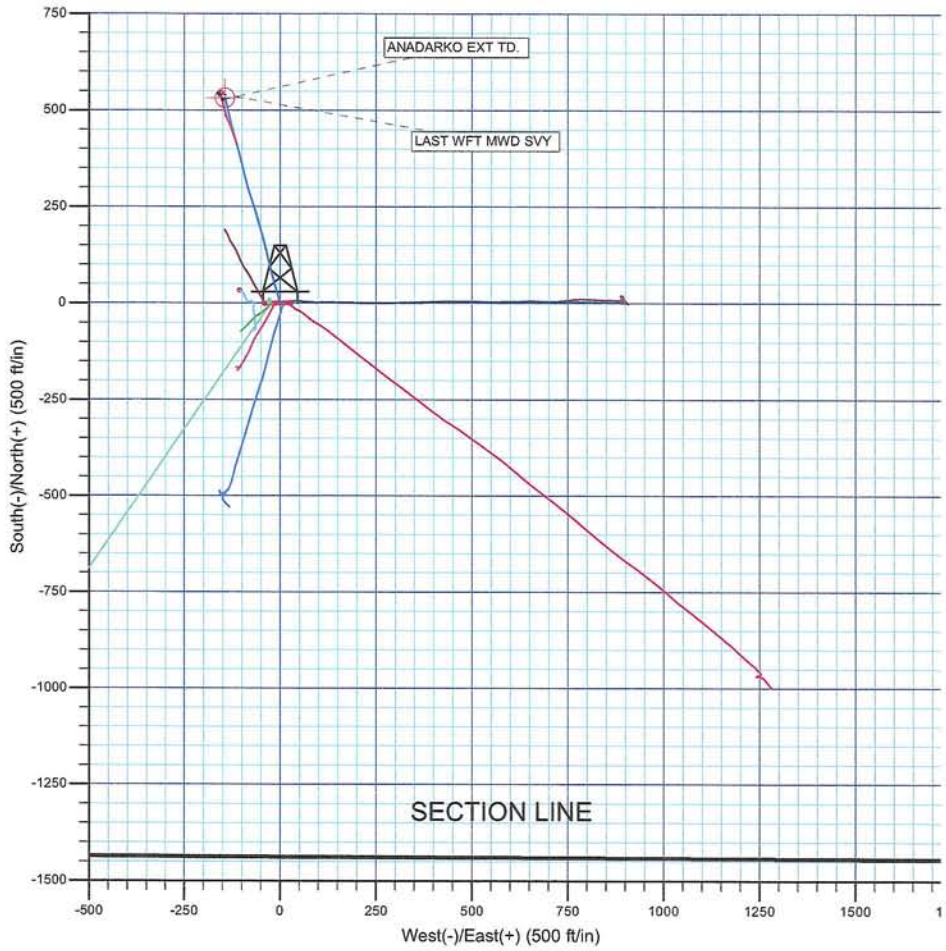
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
	2437.00	12.63	344.21	2389.80	416.91	-114.76	0.00	0.00	432.42	
	2542.20	12.63	344.21	2492.45	439.05	-121.02	0.00	0.00	455.42	
	2565.99	13.18	346.25	2515.65	444.19	-122.37	3.00	40.72	460.73	
	2586.42	13.18	346.25	2535.53	448.71	-123.48	0.00	0.00	465.38	
	3339.51	0.00	0.00	3282.00	532.47	-143.97	1.75	180.00	551.59	
	10797.51	0.00	0.00	10740.00	532.47	-143.97	0.00	0.00	551.59	PBHL_NBU 921-26J3AS(1969 FSL 1985 FEL)

KB ELEV: WELL @ 5035.00ft (Original Well Elev)
GRD ELEV: 5009.00

CASING DETAILS

TVD	MD	Name	Size
2394.87	2442.20	8 5/8"	8.62





WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG)

	Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
PBHL		10740.00	532.47	-143.97	14531398.63	2056030.35	40° 0' 18.720 N	109° 30' 57.208 W	Circle (Radius: 25.00)

Survey: WEATHERFORD MWD SVY (NBU 921-26J3AS/NBU 921-26J3AS)

Created By: Robert H. Scott

Weatherford International Ltd.

Survey Report

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Well:	NBU 921-26J3AS	**North Reference:**	True
Wellbore:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Design:	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db

Project UINTAH COUNTY, UTAH (nad 27),

Map System:	Universal Transverse Mercator (US Survey Fee	**System Datum:**	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Zone 12N (114 W to 108 W)		

Site NBU 921-26J Pad, SECTION 26 T9S R21 E

Site Position:		**Northing:**	14,530,870.22 ft	**Latitude:**	40° 0' 13.468 N
From:	Lat/Long	**Easting:**	2,056,213.12 ft	**Longitude:**	109° 30' 54.972 W
Position Uncertainty:	0.00 ft	**Slot Radius:**	in	**Grid Convergence:**	0.95 °

Well NBU 921-26J3AS

Well Position	**+N/-S**	0.00 ft	**Northing:**	14,530,868.63 ft	**Latitude:**	40° 0' 13.457 N
	+E/-W	0.00 ft	**Easting:**	2,056,183.17 ft	**Longitude:**	109° 30' 55.357 W
Position Uncertainty		0.00 ft	**Wellhead Elevation:**	ft	**Ground Level:**	5,009.00 ft

Wellbore NBU 921-26J3AS

Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	BGGM2009	4/23/2010	11.25	65.92	52,457

Design NBU 921-26J3AS

Audit Notes:

Version:	1.0	**Phase:**	ACTUAL	**Tie On Depth:**	0.00

Vertical Section:	**Depth From (TVD) (ft)**	**+N/-S (ft)**	**+E/-W (ft)**	**Direction (°)**
	0.00	0.00	0.00	344.61

Survey Program **Date** 5/12/2010

From (ft)	**To (ft)**	**Survey (Wellbore)**	**Tool Name**	**Description**
169.00	2,437.00	SDI MWD SURVEY (NBU 921-26J3AS)	MWD	MWD - Standard
2,503.00	10,650.00	WEATHERFORD MWD SVY (NBU 921-26	MWD	MWD - Standard

Survey

Measured Depth (ft)	**Inclination (°)**	**Azimuth (°)**	**Vertical Depth (ft)**	**+N/-S (ft)**	**+E/-W (ft)**	**Vertical Section (ft)**	**Dogleg Rate (°/100ft)**	**Build Rate (°/100ft)**	**Turn Rate (°/100ft)**
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
169.00	0.22	321.08	169.00	0.25	-0.20	0.30	0.13	0.13	0.00
199.00	0.42	331.62	199.00	0.39	-0.29	0.46	0.69	0.67	35.13
228.00	0.60	330.62	228.00	0.62	-0.42	0.71	0.62	0.62	-3.45
256.00	0.96	347.22	256.00	0.98	-0.54	1.08	1.51	1.29	59.29
285.00	1.63	353.56	284.99	1.62	-0.64	1.74	2.36	2.31	21.86
313.00	2.05	345.13	312.97	2.50	-0.81	2.63	1.78	1.50	-30.11
342.00	2.69	343.93	341.95	3.66	-1.14	3.83	2.21	2.21	-4.14
371.00	3.83	340.97	370.90	5.23	-1.64	5.48	3.97	3.93	-10.21
401.00	4.55	344.00	400.82	7.32	-2.29	7.67	2.51	2.40	10.10
430.00	5.07	343.57	429.72	9.65	-2.97	10.10	1.80	1.79	-1.48
461.00	5.46	344.42	460.59	12.39	-3.76	12.94	1.28	1.26	2.74

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Well:	NBU 921-26J3AS	**North Reference:**	True
Wellbore:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Design:	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
490.00	5.53	344.33	489.45	15.06	-4.51	15.72	0.24	0.24	-0.31
517.00	5.57	344.33	516.33	17.58	-5.21	18.33	0.15	0.15	0.00
547.00	5.36	346.70	546.19	20.34	-5.93	21.19	1.03	-0.70	7.90
578.00	6.14	347.01	577.04	23.37	-6.63	24.29	2.52	2.52	1.00
608.00	6.68	345.90	606.85	26.62	-7.42	27.64	1.85	1.80	-3.70
638.00	7.27	343.85	636.63	30.14	-8.37	31.28	2.13	1.97	-6.83
668.00	8.13	342.54	666.35	33.98	-9.54	35.30	2.93	2.87	-4.37
698.00	9.13	343.90	696.01	38.30	-10.83	39.80	3.40	3.33	4.53
728.00	10.03	342.65	725.60	43.08	-12.27	44.79	3.08	3.00	-4.17
758.00	10.91	344.00	755.10	48.30	-13.83	50.24	3.04	2.93	4.50
788.00	11.76	343.68	784.51	53.96	-15.47	56.13	2.84	2.83	-1.07
818.00	12.30	343.72	813.85	59.96	-17.23	62.39	1.80	1.80	0.13
848.00	12.79	345.30	843.14	66.24	-18.97	68.90	1.99	1.63	5.27
878.00	13.33	347.45	872.36	72.83	-20.56	75.68	2.42	1.80	7.17
968.00	13.88	348.08	959.83	93.52	-25.05	96.81	0.63	0.61	0.70
1,058.00	14.56	345.98	1,047.08	115.06	-30.02	118.90	0.95	0.76	-2.33
1,148.00	13.90	345.12	1,134.31	136.48	-35.53	141.02	0.77	-0.73	-0.96
1,238.00	13.90	343.98	1,221.68	157.32	-41.29	162.64	0.30	0.00	-1.27
1,328.00	14.31	344.20	1,308.97	178.41	-47.30	184.57	0.46	0.46	0.24
1,418.00	12.96	343.47	1,396.43	198.79	-53.20	205.78	1.51	-1.50	-0.81
1,508.00	12.16	345.78	1,484.27	217.66	-58.40	225.35	1.05	-0.89	2.57
1,598.00	12.94	343.67	1,572.12	236.51	-63.57	244.90	1.01	0.87	-2.34
1,688.00	13.42	340.22	1,659.75	256.01	-69.93	265.39	1.02	0.53	-3.83
1,778.00	13.72	340.26	1,747.24	275.89	-77.07	286.45	0.33	0.33	0.04
1,868.00	13.05	344.06	1,834.80	295.70	-83.47	307.25	1.23	-0.74	4.22
1,958.00	13.21	346.88	1,922.45	315.49	-88.59	327.69	0.73	0.18	3.13
2,048.00	13.68	346.66	2,009.98	335.86	-93.38	348.60	0.53	0.52	-0.24
2,138.00	13.42	347.57	2,097.47	356.41	-98.09	369.66	0.37	-0.29	1.01
2,228.00	11.71	344.70	2,185.32	375.42	-102.75	389.23	2.02	-1.90	-3.19
2,318.00	11.66	342.88	2,273.45	392.93	-107.83	407.45	0.41	-0.06	-2.02
2,408.00	12.33	344.55	2,361.49	410.88	-113.07	426.15	0.84	0.74	1.86
LAST SDI SURVEY - TIE-ON SDI MWD SVY									
2,437.00	12.63	344.21	2,389.80	416.91	-114.76	432.42	1.07	1.03	-1.17
BEGIN WFT MWD SVY									
2,503.00	12.88	343.50	2,454.17	430.91	-118.81	446.99	0.45	0.38	-1.08
2,598.00	11.70	339.66	2,546.99	450.10	-125.17	467.17	1.51	-1.24	-4.04
2,692.00	10.36	334.72	2,639.26	466.68	-132.09	485.00	1.74	-1.43	-5.26
2,787.00	8.60	337.75	2,732.96	480.98	-138.43	500.47	1.93	-1.85	3.19
2,882.00	7.56	342.00	2,827.01	493.49	-143.05	513.76	1.26	-1.09	4.47
2,977.00	6.81	350.38	2,921.27	504.99	-145.92	525.61	1.35	-0.79	8.82
3,071.00	6.06	346.13	3,014.68	515.30	-148.04	536.11	0.94	-0.80	-4.52
3,166.00	4.44	352.00	3,109.28	523.81	-149.75	544.77	1.79	-1.71	6.18
3,261.00	2.69	345.88	3,204.09	529.62	-150.81	550.65	1.88	-1.84	-6.44
3,356.00	2.63	341.88	3,298.99	533.85	-152.03	555.06	0.21	-0.06	-4.21
3,451.00	0.69	346.63	3,393.94	536.48	-152.84	557.80	2.05	-2.04	5.00
3,545.00	0.69	344.63	3,487.94	537.58	-153.12	558.94	0.03	0.00	-2.13
3,640.00	0.29	344.46	3,582.93	538.36	-153.34	559.75	0.42	-0.42	-0.18
3,735.00	0.06	316.00	3,677.93	538.63	-153.44	560.03	0.25	-0.24	-29.96
3,829.00	0.63	309.13	3,771.93	538.99	-153.87	560.50	0.61	0.61	-7.31
3,924.00	0.50	261.50	3,866.93	539.26	-154.69	560.97	0.50	-0.14	-50.14
4,019.00	0.63	228.25	3,961.92	538.85	-155.49	560.79	0.36	0.14	-35.00
4,113.00	0.56	214.25	4,055.92	538.12	-156.13	560.26	0.17	-0.07	-14.89
4,208.00	0.81	199.50	4,150.91	537.11	-156.62	559.41	0.32	0.26	-15.53
4,303.00	0.19	112.63	4,245.91	536.41	-156.70	558.76	0.87	-0.65	-91.44

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Well:	NBU 921-26J3AS	**North Reference:**	True
Wellbore:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Design:	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,398.00	0.50	325.13	4,340.90	536.69	-156.79	559.06	0.70	0.33	-155.26
4,492.00	0.31	270.75	4,434.90	537.03	-157.28	559.51	0.43	-0.20	-57.85
4,587.00	1.25	308.13	4,529.89	537.68	-158.35	560.42	1.07	0.99	39.35
4,682.00	1.06	5.00	4,624.88	539.19	-159.09	562.08	1.17	-0.20	59.86
4,777.00	1.69	61.00	4,719.85	540.74	-157.79	563.23	1.48	0.66	58.95
4,871.00	1.50	69.00	4,813.82	541.86	-155.42	563.68	0.31	-0.20	8.51
4,966.00	1.25	75.13	4,908.79	542.57	-153.26	563.79	0.30	-0.26	6.45
5,061.00	1.00	90.13	5,003.77	542.83	-151.43	563.56	0.40	-0.26	15.79
5,156.00	0.81	98.75	5,098.76	542.73	-149.94	563.06	0.25	-0.20	9.07
5,250.00	1.00	99.63	5,192.75	542.49	-148.47	562.44	0.20	0.20	0.94
5,345.00	1.00	349.50	5,287.74	543.17	-147.81	562.92	1.73	0.00	-115.93
5,440.00	0.81	347.00	5,382.73	544.64	-148.11	564.41	0.20	-0.20	-2.63
5,538.00	0.63	0.13	5,480.72	545.85	-148.26	565.62	0.25	-0.18	13.40
5,630.00	0.38	0.38	5,572.72	546.66	-148.26	566.41	0.27	-0.27	0.27
5,724.00	1.06	311.00	5,666.71	547.54	-148.92	567.43	0.92	0.72	-52.53
5,819.00	0.85	302.79	5,761.70	548.50	-150.17	568.69	0.26	-0.22	-8.64
5,913.00	0.63	307.13	5,855.69	549.19	-151.17	569.62	0.24	-0.23	4.62
6,008.00	0.50	303.88	5,950.68	549.74	-151.93	570.35	0.14	-0.14	-3.42
6,102.00	0.38	293.38	6,044.68	550.09	-152.56	570.85	0.15	-0.13	-11.17
6,197.00	0.63	280.25	6,139.68	550.31	-153.36	571.27	0.29	0.26	-13.82
6,292.00	0.94	318.13	6,234.67	550.98	-154.39	572.20	0.62	0.33	39.87
6,387.00	0.69	313.13	6,329.66	551.95	-155.33	573.38	0.27	-0.26	-5.26
6,481.00	0.44	287.63	6,423.65	552.45	-156.09	574.06	0.37	-0.27	-27.13
6,576.00	0.31	231.50	6,518.65	552.40	-156.64	574.16	0.39	-0.14	-59.08
6,671.00	0.44	195.13	6,613.65	551.89	-156.93	573.75	0.28	0.14	-38.28
6,766.00	0.44	200.88	6,708.65	551.19	-157.16	573.14	0.05	0.00	6.05
6,860.00	0.44	192.63	6,802.64	550.50	-157.37	572.53	0.07	0.00	-8.78
6,955.00	0.47	185.65	6,897.64	549.76	-157.48	571.84	0.07	0.03	-7.35
7,050.00	0.32	143.36	6,992.64	549.16	-157.36	571.23	0.33	-0.16	-44.52
7,145.00	0.50	144.75	7,087.64	548.61	-156.97	570.59	0.19	0.19	1.46
7,238.00	0.56	150.13	7,180.63	547.88	-156.51	569.77	0.08	0.06	5.78
7,333.00	0.81	168.25	7,275.63	546.82	-156.14	568.65	0.35	0.26	19.07
7,428.00	1.25	173.63	7,370.61	545.14	-155.89	566.96	0.47	0.46	5.66
7,523.00	0.94	212.13	7,465.59	543.45	-156.19	565.41	0.82	-0.33	40.53
7,617.00	1.06	258.13	7,559.58	542.61	-157.45	564.94	0.84	0.13	48.94
7,712.00	0.78	327.03	7,654.57	542.98	-158.66	565.61	1.12	-0.29	72.53
7,807.00	0.25	333.63	7,749.57	543.70	-159.10	566.43	0.56	-0.56	6.95
7,902.00	0.06	252.75	7,844.57	543.88	-159.24	566.63	0.26	-0.20	-85.14
7,996.00	0.00	313.88	7,938.57	543.86	-159.29	566.63	0.06	-0.06	0.00
8,091.00	0.19	189.75	8,033.57	543.71	-159.32	566.49	0.20	0.20	0.00
LAST SVY									
8,186.00	0.19	163.75	8,128.57	543.40	-159.30	566.19	0.09	0.00	-27.37
8,281.00	0.31	140.63	8,223.57	543.05	-159.09	565.80	0.16	0.13	-24.34
8,375.00	0.44	174.63	8,317.56	542.49	-158.90	565.21	0.27	0.14	36.17
8,470.00	0.50	181.88	8,412.56	541.72	-158.88	564.45	0.09	0.06	7.63
8,565.00	0.69	165.50	8,507.56	540.75	-158.75	563.49	0.27	0.20	-17.24
8,640.00	0.44	145.50	8,582.55	540.07	-158.47	562.76	0.42	-0.33	-26.67
ANADARKO EXT TD.									
10,650.00	0.44	145.50	10,592.49	527.35	-149.73	548.18	0.00	0.00	0.00

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Well:	NBU 921-26J3AS	**North Reference:**	True
Wellbore:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Design:	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db

Design Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
2,437.00	2,389.80	416.91	-114.76	LAST SDI SURVEY
2,437.00	2,389.80	416.91	-114.76	TIE-ON SDI MWD SVY
2,503.00	2,454.17	430.91	-118.81	BEGIN WFT MWD SVY
8,186.00	8,128.57	543.40	-159.30	LAST SVY
10,650.00	10,592.49	527.35	-149.73	ANADARKO EXT TD.

Checked By: _____ Approved By: _____ Date: _____

Anadarko
Petroleum Corporation

ANADARKO PETROLEUM CORP.

UINTAH COUNTY, UTAH (nad 27)
NBU 921-26J Pad
NBU 921-26J3AS

NBU 921-26J3AS

Design: NBU 921-26J3AS

Survey Report - Geographic

12 May, 2010

Weatherford®

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Well:	NBU 921-26J3AS	**North Reference:**	True
Wellbore:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Design:	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db

Project UINTAH COUNTY, UTAH (nad 27),

Map System:	Universal Transverse Mercator (US Survey Fee	**System Datum:**	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Zone 12N (114 W to 108 W)		

Site NBU 921-26J Pad, SECTION 26 T9S R21 E

Site Position:		**Northing:**	14,530,870.22 ft	**Latitude:**	40° 0' 13.468 N
From:	Lat/Long	**Easting:**	2,056,213.12 ft	**Longitude:**	109° 30' 54.972 W
Position Uncertainty:	0.00 ft	**Slot Radius:**	in	**Grid Convergence:**	0.95 °

Well NBU 921-26J3AS

Well Position	**+N/-S**	0.00 ft	**Northing:**	14,530,868.63 ft	**Latitude:**	40° 0' 13.457 N
	+E/-W	0.00 ft	**Easting:**	2,056,183.17 ft	**Longitude:**	109° 30' 55.357 W
Position Uncertainty		0.00 ft	**Wellhead Elevation:**	ft	**Ground Level:**	5,009.00 ft

Wellbore NBU 921-26J3AS

Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	BGGM2009	4/23/2010	11.25	65.92	52,457

Design NBU 921-26J3AS

Audit Notes:

Version:	1.0	**Phase:**	ACTUAL	**Tie On Depth:**	0.00

Vertical Section:	**Depth From (TVD) (ft)**	**+N/-S (ft)**	**+E/-W (ft)**	**Direction (°)**
	0.00	0.00	0.00	344.61

Survey Program **Date** 5/12/2010

From (ft)	**To (ft)**	**Survey (Wellbore)**	**Tool Name**	**Description**
169.00	2,437.00	SDI MWD SURVEY (NBU 921-26J3AS)	MWD	MWD - Standard
2,503.00	10,650.00	WEATHERFORD MWD SVY (NBU 921-2(	MWD	MWD - Standard

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Well:	NBU 921-26J3AS	**North Reference:**	True
Wellbore:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Design:	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (ft)	Map Easting (ft)	Latitude	Longitude
0.00	0.00	0.00	0.00	0.00	0.00	14,530,868.63	2,056,183.17	40° 0' 13.457 N	109° 30' 55.357 W
169.00	0.22	321.08	169.00	0.25	-0.20	14,530,868.88	2,056,182.96	40° 0' 13.459 N	109° 30' 55.360 W
199.00	0.42	331.62	199.00	0.39	-0.29	14,530,869.02	2,056,182.87	40° 0' 13.461 N	109° 30' 55.361 W
228.00	0.60	330.62	228.00	0.62	-0.42	14,530,869.24	2,056,182.74	40° 0' 13.463 N	109° 30' 55.363 W
256.00	0.96	347.22	256.00	0.98	-0.54	14,530,869.59	2,056,182.62	40° 0' 13.466 N	109° 30' 55.364 W
285.00	1.63	353.56	284.99	1.62	-0.64	14,530,870.24	2,056,182.50	40° 0' 13.473 N	109° 30' 55.365 W
313.00	2.05	345.13	312.97	2.50	-0.81	14,530,871.12	2,056,182.32	40° 0' 13.482 N	109° 30' 55.368 W
342.00	2.69	343.93	341.95	3.66	-1.14	14,530,872.27	2,056,181.98	40° 0' 13.493 N	109° 30' 55.372 W
371.00	3.83	340.97	370.90	5.23	-1.64	14,530,873.83	2,056,181.45	40° 0' 13.508 N	109° 30' 55.378 W
401.00	4.55	344.00	400.82	7.32	-2.29	14,530,875.91	2,056,180.76	40° 0' 13.529 N	109° 30' 55.387 W
430.00	5.07	343.57	429.72	9.65	-2.97	14,530,878.23	2,056,180.04	40° 0' 13.552 N	109° 30' 55.395 W
461.00	5.46	344.42	460.59	12.39	-3.76	14,530,880.95	2,056,179.21	40° 0' 13.579 N	109° 30' 55.405 W
490.00	5.53	344.33	489.45	15.06	-4.51	14,530,883.61	2,056,178.42	40° 0' 13.606 N	109° 30' 55.415 W
517.00	5.57	344.33	516.33	17.58	-5.21	14,530,886.11	2,056,177.67	40° 0' 13.631 N	109° 30' 55.424 W
547.00	5.36	346.70	546.19	20.34	-5.93	14,530,888.87	2,056,176.91	40° 0' 13.658 N	109° 30' 55.433 W
578.00	6.14	347.01	577.04	23.37	-6.63	14,530,891.88	2,056,176.15	40° 0' 13.688 N	109° 30' 55.442 W
608.00	6.68	345.90	606.85	26.62	-7.42	14,530,895.12	2,056,175.31	40° 0' 13.720 N	109° 30' 55.453 W
638.00	7.27	343.85	636.63	30.14	-8.37	14,530,898.62	2,056,174.30	40° 0' 13.755 N	109° 30' 55.465 W
668.00	8.13	342.54	666.35	33.98	-9.54	14,530,902.45	2,056,173.07	40° 0' 13.793 N	109° 30' 55.480 W
698.00	9.13	343.90	696.01	38.30	-10.83	14,530,906.74	2,056,171.70	40° 0' 13.835 N	109° 30' 55.496 W
728.00	10.03	342.65	725.60	43.08	-12.27	14,530,911.49	2,056,170.19	40° 0' 13.883 N	109° 30' 55.515 W
758.00	10.91	344.00	755.10	48.30	-13.83	14,530,916.69	2,056,168.54	40° 0' 13.934 N	109° 30' 55.535 W
788.00	11.76	343.68	784.51	53.96	-15.47	14,530,922.32	2,056,166.80	40° 0' 13.990 N	109° 30' 55.556 W
818.00	12.30	343.72	813.85	59.96	-17.23	14,530,928.29	2,056,164.95	40° 0' 14.050 N	109° 30' 55.579 W
848.00	12.79	345.30	843.14	66.24	-18.97	14,530,934.54	2,056,163.10	40° 0' 14.112 N	109° 30' 55.601 W
878.00	13.33	347.45	872.36	72.83	-20.56	14,530,941.10	2,056,161.40	40° 0' 14.177 N	109° 30' 55.621 W
968.00	13.88	348.08	959.83	93.52	-25.05	14,530,961.72	2,056,156.57	40° 0' 14.381 N	109° 30' 55.679 W
1,058.00	14.56	345.98	1,047.08	115.06	-30.02	14,530,983.17	2,056,151.24	40° 0' 14.594 N	109° 30' 55.743 W
1,148.00	13.90	345.12	1,134.31	136.48	-35.53	14,531,004.50	2,056,145.37	40° 0' 14.806 N	109° 30' 55.814 W
1,238.00	13.90	343.98	1,221.68	157.32	-41.29	14,531,025.24	2,056,139.26	40° 0' 15.012 N	109° 30' 55.888 W
1,328.00	14.31	344.20	1,308.97	178.41	-47.30	14,531,046.23	2,056,132.90	40° 0' 15.220 N	109° 30' 55.965 W
1,418.00	12.96	343.47	1,396.43	198.79	-53.20	14,531,066.50	2,056,126.66	40° 0' 15.422 N	109° 30' 56.041 W
1,508.00	12.16	345.78	1,484.27	217.66	-58.40	14,531,085.28	2,056,121.15	40° 0' 15.608 N	109° 30' 56.108 W
1,598.00	12.94	343.67	1,572.12	236.51	-63.57	14,531,104.05	2,056,115.67	40° 0' 15.795 N	109° 30' 56.174 W
1,688.00	13.42	340.22	1,659.75	256.01	-69.93	14,531,123.44	2,056,108.98	40° 0' 15.987 N	109° 30' 56.256 W
1,778.00	13.72	340.26	1,747.24	275.89	-77.07	14,531,143.19	2,056,101.51	40° 0' 16.184 N	109° 30' 56.348 W
1,868.00	13.05	344.06	1,834.80	295.70	-83.47	14,531,162.90	2,056,094.79	40° 0' 16.380 N	109° 30' 56.430 W
1,958.00	13.21	346.88	1,922.45	315.49	-88.59	14,531,182.60	2,056,089.34	40° 0' 16.575 N	109° 30' 56.496 W
2,048.00	13.68	346.66	2,009.98	335.86	-93.38	14,531,202.88	2,056,084.21	40° 0' 16.777 N	109° 30' 56.557 W
2,138.00	13.42	347.57	2,097.47	356.41	-98.09	14,531,223.36	2,056,079.16	40° 0' 16.980 N	109° 30' 56.618 W
2,228.00	11.71	344.70	2,185.32	375.42	-102.75	14,531,242.29	2,056,074.19	40° 0' 17.168 N	109° 30' 56.678 W
2,318.00	11.66	342.88	2,273.45	392.93	-107.83	14,531,259.70	2,056,068.81	40° 0' 17.341 N	109° 30' 56.743 W
2,408.00	12.33	344.55	2,361.49	410.88	-113.07	14,531,277.57	2,056,063.27	40° 0' 17.518 N	109° 30' 56.810 W
LAST SDI SURVEY - TIE-ON SDI MWD SVY									
2,437.00	12.63	344.21	2,389.80	416.91	-114.76	14,531,283.57	2,056,061.49	40° 0' 17.578 N	109° 30' 56.832 W
BEGIN WFT MWD SVY									
2,503.00	12.88	343.50	2,454.17	430.91	-118.81	14,531,297.50	2,056,057.20	40° 0' 17.716 N	109° 30' 56.884 W
2,598.00	11.70	339.66	2,546.99	450.10	-125.17	14,531,316.57	2,056,050.53	40° 0' 17.906 N	109° 30' 56.966 W
2,692.00	10.36	334.72	2,639.26	466.68	-132.09	14,531,333.04	2,056,043.33	40° 0' 18.070 N	109° 30' 57.055 W
2,787.00	8.60	337.75	2,732.96	480.98	-138.43	14,531,347.23	2,056,036.75	40° 0' 18.211 N	109° 30' 57.136 W
2,882.00	7.56	342.00	2,827.01	493.49	-143.05	14,531,359.67	2,056,031.92	40° 0' 18.335 N	109° 30' 57.196 W
2,977.00	6.81	350.38	2,921.27	504.99	-145.92	14,531,371.12	2,056,028.86	40° 0' 18.448 N	109° 30' 57.233 W
3,071.00	6.06	346.13	3,014.68	515.30	-148.04	14,531,381.39	2,056,026.57	40° 0' 18.550 N	109° 30' 57.260 W
3,166.00	4.44	352.00	3,109.28	523.81	-149.75	14,531,389.87	2,056,024.71	40° 0' 18.634 N	109° 30' 57.282 W
3,261.00	2.69	345.88	3,204.09	529.62	-150.81	14,531,395.66	2,056,023.56	40° 0' 18.692 N	109° 30' 57.296 W

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Well:	NBU 921-26J3AS	**North Reference:**	True
Wellbore:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Design:	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (ft)	Map Easting (ft)	Latitude	Longitude
3,356.00	2.63	341.88	3,298.99	533.85	-152.03	14,531,399.87	2,056,022.27	40° 0' 18.734 N	109° 30' 57.311 W
3,451.00	0.69	346.63	3,393.94	536.48	-152.84	14,531,402.48	2,056,021.41	40° 0' 18.760 N	109° 30' 57.322 W
3,545.00	0.69	344.63	3,487.94	537.58	-153.12	14,531,403.58	2,056,021.12	40° 0' 18.770 N	109° 30' 57.325 W
3,640.00	0.29	344.46	3,582.93	538.36	-153.34	14,531,404.36	2,056,020.89	40° 0' 18.778 N	109° 30' 57.328 W
3,735.00	0.06	316.00	3,677.93	538.63	-153.44	14,531,404.62	2,056,020.78	40° 0' 18.781 N	109° 30' 57.329 W
3,829.00	0.63	309.13	3,771.93	538.99	-153.87	14,531,404.98	2,056,020.34	40° 0' 18.784 N	109° 30' 57.335 W
3,924.00	0.50	261.50	3,866.93	539.26	-154.69	14,531,405.23	2,056,019.52	40° 0' 18.787 N	109° 30' 57.345 W
4,019.00	0.63	228.25	3,961.92	538.85	-155.49	14,531,404.81	2,056,018.73	40° 0' 18.783 N	109° 30' 57.356 W
4,113.00	0.56	214.25	4,055.92	538.12	-156.13	14,531,404.07	2,056,018.10	40° 0' 18.776 N	109° 30' 57.364 W
4,208.00	0.81	199.50	4,150.91	537.11	-156.62	14,531,403.05	2,056,017.63	40° 0' 18.766 N	109° 30' 57.370 W
4,303.00	0.19	112.63	4,245.91	536.41	-156.70	14,531,402.35	2,056,017.56	40° 0' 18.759 N	109° 30' 57.371 W
4,398.00	0.50	325.13	4,340.90	536.69	-156.79	14,531,402.63	2,056,017.47	40° 0' 18.762 N	109° 30' 57.372 W
4,492.00	0.31	270.75	4,434.90	537.03	-157.28	14,531,402.96	2,056,016.97	40° 0' 18.765 N	109° 30' 57.379 W
4,587.00	1.25	308.13	4,529.89	537.68	-158.35	14,531,403.59	2,056,015.89	40° 0' 18.771 N	109° 30' 57.392 W
4,682.00	1.06	5.00	4,624.88	539.19	-159.09	14,531,405.09	2,056,015.13	40° 0' 18.786 N	109° 30' 57.402 W
4,777.00	1.69	61.00	4,719.85	540.74	-157.79	14,531,406.67	2,056,016.40	40° 0' 18.802 N	109° 30' 57.385 W
4,871.00	1.50	69.00	4,813.82	541.86	-155.42	14,531,407.82	2,056,018.74	40° 0' 18.813 N	109° 30' 57.355 W
4,966.00	1.25	75.13	4,908.79	542.57	-153.26	14,531,408.57	2,056,020.89	40° 0' 18.820 N	109° 30' 57.327 W
5,061.00	1.00	90.13	5,003.77	542.83	-151.43	14,531,408.86	2,056,022.72	40° 0' 18.822 N	109° 30' 57.304 W
5,156.00	0.81	98.75	5,098.76	542.73	-149.94	14,531,408.78	2,056,024.21	40° 0' 18.821 N	109° 30' 57.284 W
5,250.00	1.00	99.63	5,192.75	542.49	-148.47	14,531,408.57	2,056,025.68	40° 0' 18.819 N	109° 30' 57.266 W
5,345.00	1.00	349.50	5,287.74	543.17	-147.81	14,531,409.26	2,056,026.34	40° 0' 18.826 N	109° 30' 57.257 W
5,440.00	0.81	347.00	5,382.73	544.64	-148.11	14,531,410.72	2,056,026.01	40° 0' 18.840 N	109° 30' 57.261 W
5,538.00	0.63	0.13	5,480.72	545.85	-148.26	14,531,411.93	2,056,025.84	40° 0' 18.852 N	109° 30' 57.263 W
5,630.00	0.38	0.38	5,572.72	546.66	-148.26	14,531,412.74	2,056,025.83	40° 0' 18.860 N	109° 30' 57.263 W
5,724.00	1.06	311.00	5,666.71	547.54	-148.92	14,531,413.61	2,056,025.16	40° 0' 18.869 N	109° 30' 57.271 W
5,819.00	0.85	302.79	5,761.70	548.50	-150.17	14,531,414.55	2,056,023.89	40° 0' 18.878 N	109° 30' 57.287 W
5,913.00	0.63	307.13	5,855.69	549.19	-151.17	14,531,415.22	2,056,022.88	40° 0' 18.885 N	109° 30' 57.300 W
6,008.00	0.50	303.88	5,950.68	549.74	-151.93	14,531,415.76	2,056,022.11	40° 0' 18.891 N	109° 30' 57.310 W
6,102.00	0.38	293.38	6,044.68	550.09	-152.56	14,531,416.10	2,056,021.47	40° 0' 18.894 N	109° 30' 57.318 W
6,197.00	0.63	280.25	6,139.68	550.31	-153.36	14,531,416.30	2,056,020.67	40° 0' 18.896 N	109° 30' 57.328 W
6,292.00	0.94	318.13	6,234.67	550.98	-154.39	14,531,416.96	2,056,019.62	40° 0' 18.903 N	109° 30' 57.342 W
6,387.00	0.69	313.13	6,329.66	551.95	-155.33	14,531,417.91	2,056,018.67	40° 0' 18.913 N	109° 30' 57.354 W
6,481.00	0.44	287.63	6,423.65	552.45	-156.09	14,531,418.40	2,056,017.90	40° 0' 18.917 N	109° 30' 57.363 W
6,576.00	0.31	231.50	6,518.65	552.40	-156.64	14,531,418.34	2,056,017.36	40° 0' 18.917 N	109° 30' 57.370 W
6,671.00	0.44	195.13	6,613.65	551.89	-156.93	14,531,417.82	2,056,017.07	40° 0' 18.912 N	109° 30' 57.374 W
6,766.00	0.44	200.88	6,708.65	551.19	-157.16	14,531,417.13	2,056,016.85	40° 0' 18.905 N	109° 30' 57.377 W
6,860.00	0.44	192.63	6,802.64	550.50	-157.37	14,531,416.43	2,056,016.66	40° 0' 18.898 N	109° 30' 57.380 W
6,955.00	0.47	185.65	6,897.64	549.76	-157.48	14,531,415.69	2,056,016.55	40° 0' 18.891 N	109° 30' 57.381 W
7,050.00	0.32	143.36	6,992.64	549.16	-157.36	14,531,415.09	2,056,016.68	40° 0' 18.885 N	109° 30' 57.380 W
7,145.00	0.50	144.75	7,087.64	548.61	-156.97	14,531,414.54	2,056,017.09	40° 0' 18.880 N	109° 30' 57.375 W
7,238.00	0.56	150.13	7,180.63	547.88	-156.51	14,531,413.83	2,056,017.56	40° 0' 18.872 N	109° 30' 57.369 W
7,333.00	0.81	168.25	7,275.63	546.82	-156.14	14,531,412.77	2,056,017.95	40° 0' 18.862 N	109° 30' 57.364 W
7,428.00	1.25	173.63	7,370.61	545.14	-155.89	14,531,411.09	2,056,018.23	40° 0' 18.845 N	109° 30' 57.361 W
7,523.00	0.94	212.13	7,465.59	543.45	-156.19	14,531,409.40	2,056,017.96	40° 0' 18.828 N	109° 30' 57.365 W
7,617.00	1.06	258.13	7,559.58	542.61	-157.45	14,531,408.54	2,056,016.71	40° 0' 18.820 N	109° 30' 57.381 W
7,712.00	0.78	327.03	7,654.57	542.98	-158.66	14,531,408.88	2,056,015.49	40° 0' 18.824 N	109° 30' 57.396 W
7,807.00	0.25	333.63	7,749.57	543.70	-159.10	14,531,409.61	2,056,015.03	40° 0' 18.831 N	109° 30' 57.402 W
7,902.00	0.06	252.75	7,844.57	543.88	-159.24	14,531,409.77	2,056,014.89	40° 0' 18.833 N	109° 30' 57.404 W
7,996.00	0.00	313.88	7,938.57	543.86	-159.29	14,531,409.76	2,056,014.85	40° 0' 18.833 N	109° 30' 57.405 W
8,091.00	0.19	189.75	8,033.57	543.71	-159.32	14,531,409.60	2,056,014.82	40° 0' 18.831 N	109° 30' 57.405 W
LAST SVY									
8,186.00	0.19	163.75	8,128.57	543.40	-159.30	14,531,409.30	2,056,014.84	40° 0' 18.828 N	109° 30' 57.405 W
8,281.00	0.31	140.63	8,223.57	543.05	-159.09	14,531,408.95	2,056,015.06	40° 0' 18.825 N	109° 30' 57.402 W
8,375.00	0.44	174.63	8,317.56	542.49	-158.90	14,531,408.40	2,056,015.26	40° 0' 18.819 N	109° 30' 57.399 W

Company:	ANADARKO PETROLEUM CORP.	**Local Co-ordinate Reference:**	Well NBU 921-26J3AS
Project:	UINTAH COUNTY, UTAH (nad 27)	**TVD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Site:	NBU 921-26J Pad	**MD Reference:**	WELL @ 5035.00ft (Original Well Elev)
Well:	NBU 921-26J3AS	**North Reference:**	True
Wellbore:	NBU 921-26J3AS	**Survey Calculation Method:**	Minimum Curvature
Design:	NBU 921-26J3AS	**Database:**	EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (ft)	Map Easting (ft)	Latitude	Longitude
8,470.00	0.50	181.88	8,412.56	541.72	-158.88	14,531,407.62	2,056,015.29	40° 0' 18.811 N	109° 30' 57.399 W
8,565.00	0.69	165.50	8,507.56	540.75	-158.75	14,531,406.65	2,056,015.44	40° 0' 18.802 N	109° 30' 57.398 W
8,640.00	0.44	145.50	8,582.55	540.07	-158.47	14,531,405.98	2,056,015.73	40° 0' 18.795 N	109° 30' 57.394 W
ANADARKO EXT TD.									
10,650.00	0.44	145.50	10,592.49	527.35	-149.73	14,531,393.41	2,056,024.68	40° 0' 18.669 N	109° 30' 57.282 W

Design Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
2,437.00	2,389.80	416.91	-114.76	LAST SDI SURVEY
2,437.00	2,389.80	416.91	-114.76	TIE-ON SDI MWD SVY
2,503.00	2,454.17	430.91	-118.81	BEGIN WFT MWD SVY
8,186.00	8,128.57	543.40	-159.30	LAST SVY
10,650.00	10,592.49	527.35	-149.73	ANADARKO EXT TD.

Checked By: _____ Approved By: _____ Date: _____

US ROCKIES REGION

Operation Summary Report

Well: NBU 921-26J3AS BLUE	Spud Conductor: 2/25/2010	Spud Date: 3/4/2010
Project: UTAH-UINTAH	Site: NBU 921-26J PAD	Rig Name No: PROPETRO/, H&P 298/298
Event: DRILLING	Start Date: 2/26/2010	End Date: 5/11/2010
Active Datum: RKB @5,036.01ft (above Mean Sea Level)	UWI: NW/SE/0/9/S/21/E/26/0/0/6/ON/S/1,437.00/E/0/1,841.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
3/4/2010	0:00 - 7:30	7.50	MIRU	01	B	P		DRESS CONDUCTOR, INSTALL AIR BOWL, RIG UP RIG, BUILD DITCH, RIG UP PUMP. PRIME PUMPS, REPACK POWER HEAD, P/U MOTOR .16 RPG 1.83 DEG. SN 8065, M/U 11" Q507F SN 7018944 2ND RUN.
	7:30 - 9:00	1.50	DRLSUR	02	B	P		DRILL 44'- 150'. SPUD 3/4/2010 07:30
	9:00 - 10:30	1.50	DRLSUR	06	A	P		LD 6" COLLARS AND P/U DIRECTIONALTOOLS.
	10:30 - 13:00	2.50	DRLSUR	07	A	P		RIG SERVICE
	13:00 - 0:00	11.00	DRLSUR	02	D	P		DRILL SLIDE 150'- 1331'. (1181', 107') BUILD ANGLE TO 13 DEGREES. WOB 25, ROT 45, DH RPM 87, 546 GPM, PSI ON/ OFF 1600/1300, UP/ DOWN/ ROT 62/60/61.
3/5/2010	0:00 - 19:30	19.50	DRLSUR	02	D	P		DRILL SLIDE 1331'-2470' (1139',58.4'/HR) TD 3/5/2010 19:30 .WOB 25, ROT 45, DH RPM 87, 546 GPM, PSI ON/ OFF 1800/1500, UP/ DOWN/ ROT72/65/69. HOLD 13 DEGREES.
	19:30 - 21:00	1.50	CSG	05	F	P		CIRC AND CONDITION HOLE W/ POLYMER SWEEPS.
	21:00 - 0:00	3.00	CSG	06	A	P		LDDS, LD BHA
3/6/2010	0:00 - 3:00	3.00	CSG	06	D	P		LD BHA, LD DIRECTIONAL TOOLS, BREAK BIT AND LD MOTOR.
	3:00 - 6:30	3.50	CSG	12	C	P		RUN 55 JTS OF 8-5/8" 32#@ IJ-55 CSG W/ 8RD BTC THREADS, AND LAND FLOAT SHOE @ 2442' KB. RAN PLATE IN TOP OF FIRST JT. LANDED @ 2400' KB. FILL CSG 800' AND 1500'.
	6:30 - 7:00	0.50	RDMO	01	E	P		RIG DOWN RIG. RELEASE RIG 3/6/2010 07:00
	7:00 - 10:30	3.50	CSG	12	E	P		HOLD SAFETY MEETING, PRESSURE TEST LINES TO 2000 PSI. PUMP 100 BBLS H20, PUMP 20 BBLS OF GEL WATER. PUMP 180 SX (122.4 BBLS) OF 11#, 3.82 YD, 23 GAL/SK HI FILL LEAD CEMENT. PUMP 175 SX(34.8 BBLS) OF 15.8#, 1.15 YD, 5 GAL/SK 2% CALC 1/4# FLOCELE TAIL CEMENT. DROP PLUG ON FLY, DISPLACE W/ 143 BBLS OF H20. 410 PSI OF LIFT. BUMP PLUG W/ 900 PSI, FLOAT HELD. CIRC THROUGH OUT JOB. TOP OUT THROUGH 1" W/ 100 SX(21. BBLS) OF 15.8#, 1.15 YD, 5 GAL/SK. WAIT TILL NEXT JOB TOP OUT W/ 75 SX OF 15.8#, 1.15 YD, 5 GAL/SK. CEMENT TO SURFACE AND STAYED.
4/29/2010	15:00 - 16:00	1.00	PRPSPD	01	C	P		PREPARE AND SKID RIG F/ NBU 921 - 2602DS TO NBU 921- 26J3AS
	16:00 - 16:30	0.50	PRPSPD	01	B	P		RU AFTER SKID
	16:30 - 17:00	0.50	PRPSPD	14	A	P		NU BOP
	17:00 - 17:30	0.50	PRPSPD	01	B	P		RU RT
	17:30 - 21:30	4.00	PRPSPD	15	A	P		TEST BOP AND SURFACE EQUIPMENT 250 PSI LOW AND 5000 PSI HIGH /250 /2500 ON ANNULAR
	21:30 - 22:00	0.50	PRPSPD	07	A	P		RIG SERVICE
	22:00 - 22:30	0.50	PRPSPD	14	B	P		INSTALL WEAR BUSHING
	22:30 - 0:00	1.50	PRPSPD	06	A	P		PU & M/U BHA # 1 SCRIBE & ORIENTATE TOOLS TIH TO 800'
4/30/2010	0:00 - 1:30	1.50	PRPSPD	06	A	P		CONTINUE TO TIH F/ 800' TO 2,277' W/ BHA # 1
	1:30 - 3:00	1.50	PRPSPD	09	A	P		SLIP & CUT 485' DRILL LINE
	3:00 - 3:30	0.50	PRPSPD	06	A	P		CONTINUE TO TIH F/ 2,277' TO 2,350' TAG CEMENT

US ROCKIES REGION

Operation Summary Report

Well: NBU 921-26J3AS BLUE	Spud Conductor: 2/25/2010	Spud Date: 3/4/2010
Project: UTAH-UINTAH	Site: NBU 921-26J PAD	Rig Name No: PROPETRO/, H&P 298/298
Event: DRILLING	Start Date: 2/26/2010	End Date: 5/11/2010
Active Datum: RKB @5,036.01ft (above Mean Sea Level)	UWI: NW/SE/0/9/S/21/E/26/0/0/6/ON/S/1,437.00/E/0/1,841.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	3:30 - 5:30	2.00	PRPSPD	02	F	P		DRILL CEMENT F/ 2,350' TO 2,400'/DRILL BAFFLE / DRILL OUT SHOE TRACK TO 2,442' CLEAN OUT RATHOLE TO 2,492'
	5:30 - 14:00	8.50	DRLPRO	02	D	P		DRILL/SURVEY (ROTATE & SLIDE) F/ 2,492' – T/3,602' = 1110' @130.58 FPH / H2O + POLYMER / WOB 15K-18K / TOP DRIVE RPM 50-60 / PUMP 110 SPM = 495 GPM / PUMP PRESSURE ON/OFF BOTTOM 1490/1200 PSI / MUD MOTOR RPM 109 / PU/SO/ROT WT 118/96/103 / TORQUE ON/OFF BOTTOM 8K/3K / SLIDE 102' IN 1.5 HRS = 9% OF FOOTAGE DRILLED & 17% OF HRS DRILLED/ H2O + POLYMER W/ WEIGHTED SWEEPS +/- 2.0 PPG
	14:00 - 14:30	0.50	DRLPRO	07	A	P		RIG SERVICE
	14:30 - 0:00	9.50	DRLPRO	02	D	P		DRILL/SURVEY (ROTATE & SLIDE) F/ 3,602' TO 4,516'= 914' @ 96.21 FPH / H2O + POLYMER / WOB 15K-18K / TOP DRIVE RPM 50-60 / PUMP 110 SPM = 495 GPM / PUMP PRESSURE ON/OFF BOTTOM 1800/1550 PSI / MUD MOTOR RPM 109 / PU/SO/ROT WT 140/110/115 / TORQUE ON/OFF BOTTOM 8K/3K / SLIDE 57' IN 2 HRS = 6% OF FOOTAGE DRILLED & 20% OF HRS DRILLED/ H2O + POLYMER W/ WEIGHTED SWEEPS +/- 2.0 PPG
5/1/2010	0:00 - 17:00	17.00	DRLPRO	02	D	P		DRILL/SURVEY (ROTATE & SLIDE) F/4,516' TO 5,880'= 1364' @ 80.23 FPH / H2O + POLYMER / WOB 16K-19K / TOP DRIVE RPM 50-60 / PUMP 110 SPM = 495 GPM / PUMP PRESSURE ON/OFF BOTTOM 1700/1500 PSI / MUD MOTOR RPM 109 / PU/SO/ROT WT 165/120/130 / TORQUE ON/OFF BOTTOM 8K/6K / SLIDE 90' IN 3 HRS = 7% OF FOOTAGE DRILLED &17.65% OF HRS DRILLED/ H2O + POLYMER W/ WEIGHTED SWEEPS +/- 2.0 PPG
	17:00 - 17:30	0.50	DRLPRO	07	A	P		RIG SERVICE@ 5,880'
	17:30 - 0:00	6.50	DRLPRO	02	D	P		DRILL/SURVEY (ROTATE & SLIDE) F/5,880' TO 6,267' = 387' @ 59.53 FPH / H2O + POLYMER / WOB 16K-19K / TOP DRIVE RPM 50-60 / PUMP 110 SPM = 495 GPM / PUMP PRESSURE ON/OFF BOTTOM 2100/1700 PSI / MUD MOTOR RPM 109 / PU/SO/ROT WT 168/125/145 / TORQUE ON/OFF BOTTOM 8K/7K / SLIDE 22' IN 1.25 HRS = 19% OF FOOTAGE DRILLED & 5% OF HRS DRILLED/ H2O + POLYMER W/ WEIGHTED SWEEPS +/- 2.0 PPG / CLOSE IN SYSTEM AND MUD UP@ 6,000' MUD WT 9.3 PPG VIS 34
5/2/2010	0:00 - 17:00	17.00	DRLPRO	02	D	P		DRILL/SURVEY (ROTATE & SLIDE) F/ 6,267' TO 7,013' = 746' @ 43.88 FPH / WOB 20K / TOP DRIVE RPM 45-60 / PUMP 110 SPM = 495 GPM / PUMP PRESSURE ON/OFF BOTTOM 1750/1550 PSI / MUD MOTOR RPM 109 / PU/SO/ROT WT 184/132/153 / TORQUE ON/OFF BOTTOM 8K/7K / SLIDE 8' IN .25 HRS = 1% OF FOOTAGE DRILLED & 1% OF HRS DRILLED/ MUD WT 9.3 PPG VIS 34
	17:00 - 17:30	0.50	DRLPRO	07	A	P		RIG SERVICE @ 7,013'
	17:30 - 0:00	6.50	DRLPRO	02	D	P		DRILL/SURVEY (ROTATE & SLIDE) F/ 7,013' TO 7,281' = 268' @ 41.23 FPH / WOB 20-22 K / TOP DRIVE RPM 50-60 / PUMP 110 SPM = 495 GPM / PUMP PRESSURE ON/OFF BOTTOM 2150/1850 PSI / MUD MOTOR RPM 109 / PU/SO/ROT WT 192/135/150 / TORQUE ON/OFF BOTTOM 9K/7K / SLIDE 0' IN 0 HRS = 0% OF FOOTAGE DRILLED & 0% OF HRS DRILLED/ MUD WT 9.7 PPG VIS 35

US ROCKIES REGION

Operation Summary Report

Well: NBU 921-26J3AS BLUE	Spud Conductor: 2/25/2010	Spud Date: 3/4/2010
Project: UTAH-UINTAH	Site: NBU 921-26J PAD	Rig Name No: PROPETRO/, H&P 298/298
Event: DRILLING	Start Date: 2/26/2010	End Date: 5/11/2010
Active Datum: RKB @5,036.01ft (above Mean Sea Level)	UWI: NW/SE/0/9/S/21/E/26/0/0/6/ON/S/1,437.00/E/0/1,841.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
5/3/2010	0:00 - 16:00	16.00	DRLPRO	02	D	P		DRILL/SURVEY (ROTATE & SLIDE) F/ 7,281' TO 7,770' = 489' @ 30.56 FPH / WOB 20-22 K / TOP DRIVE RPM 50-60 / PUMP 110 SPM = 495 GPM / PUMP PRESSURE ON/OFF BOTTOM 2150/1950 PSI / MUD MOTOR RPM 109 / PU/SO/ROT WT 192/145/165 / TORQUE ON/OFF BOTTOM 9K/7K / SLIDE 94' IN 3 HRS = 33% OF FOOTAGE DRILLED & 30% OF HRS DRILLED / MUD WT 9.7 PPG VIS 35
	16:00 - 16:30	0.50	DRLPRO	07	A	P		RIG SERVICE @ 7,770'
	16:30 - 0:00	7.50	DRLPRO	02	D	P		DRILL/SURVEY (ROTATE & SLIDE) F/ 7,770' TO 8,072' = 302' @ 40.26 FPH / WOB 20-22 K / TOP DRIVE RPM 50-60 / PUMP 110 SPM = 495 GPM / PUMP PRESSURE ON/OFF BOTTOM 2340/2200 PSI / MUD MOTOR RPM 109 / PU/SO/ROT WT 200/145/168 / TORQUE ON/OFF BOTTOM 10K/9K / SLIDE 0' IN 0 HRS = 0% OF FOOTAGE DRILLED & 0% OF HRS DRILLED/ MUD WT 10.6 PPG VIS 39
5/4/2010	0:00 - 16:00	16.00	DRLPRO	02	D	P		DRILL/SURVEY (ROTATE) F/ 8,072' TO 8,621' = 549' @ 34.31 FPH / WOB 20-22 K / TOP DRIVE RPM 50-60 / PUMP 110 SPM = 495 GPM / PUMP PRESSURE ON/OFF BOTTOM 2340/2200 PSI / MUD MOTOR RPM 109 / PU/SO/ROT WT 215/150/170 / TORQUE ON/OFF BOTTOM 10K/9K / SLIDE 0' IN 0 HRS = 0% OF FOOTAGE DRILLED & 0% OF HRS DRILLED/ MUD WT 11.4 PPG VIS 44
	16:00 - 16:30	0.50	DRLPRO	07	A	P		RIG SERVICE @ 8,621'
	16:30 - 19:30	3.00	DRLPRO	02	D	P		DRILL/SURVEY (ROTATE) F/ 8,621' TO 8698' = 77' @ 25.66 FPH / WOB 20-22 K / TOP DRIVE RPM 50-60 / PUMP 110 SPM = 495 GPM / PUMP PRESSURE ON/OFF BOTTOM 2450/2300 PSI / MUD MOTOR RPM 109 / PU/SO/ROT WT 215/153/173 / TORQUE ON/OFF BOTTOM 10K/9K / SLIDE 0' IN 0 HRS = 0% OF FOOTAGE DRILLED & 0% OF HRS DRILLED/ MUD WT 11.6 PPG VIS44
	19:30 - 21:00	1.50	DRLPRO	05	C	P		CIRC BOTTOMS UP F/ BIT& MUD MOTOR TRIP @ 8,698',STARTED LOSSING MUD @ END OF BTMS UP (40 BBL) MIX AND SPOT 50 BBL / 10% LCM / OBSERVE WELL/ NO DYNAMIC OR STATIC LOSS/ MUD WT 11.7 / VIS 43
	21:00 - 0:00	3.00	DRLPRO	06	A	P		TOOH F/ 6,698' TO 6,623'/ PUMP SLUG,TOOH W/ BHA # 1 TO 5,000' W/ NO PROBLEMS
5/5/2010	0:00 - 2:00	2.00	DRLPRO	06	A	P		CONTINUE TO TOOH W/ BHA #1 F/ 5,000' TO 124'
	2:00 - 3:00	1.00	DRLPRO	06	A	P		L/D DIRECTIONAL TOOLS/MUD MOTOR AND BIT # 1
	3:00 - 4:00	1.00	DRLPRO	06	A	P		PU & MU .16 MUD MTR 1.50 DEG BEND / BIT # 2 FX65M / NON MAG DC AND TIH ON HWT DP/ JARS TO 1,105' (SURFACE TEST MTR - OK)
	4:00 - 8:30	4.50	DRLPRO	06	A	P		CONTINUE TO TIH W/ BHA#2 ON DP TO 2,450' / FILL PIPE AND BREAK CIRC / TIH TO 8,400' W / NO PROBLEMS/ FILL EA 20 STDS
	8:30 - 9:00	0.50	DRLPRO	03	D	P		WASH AND REAM F/ 8,400' TO 8,698' (PRECAUTIONARY) 3' FILL/ CIRC & CLEAN BTM
	9:00 - 14:30	5.50	DRLPRO	02	D	P		DRILL / ROT F/ 8,698' TO 8,980' = 282' @ 51.27 FPH /BREAK IN BIT /DRILL/ WOB 18-20 K / TOP DRIVE RPM 45-55 / PUMP 110 SPM = 495 GPM / PUMP PRESSURE ON/OFF BOTTOM 2450/2300 PSI / MUD MOTOR RPM 79 / PU/SO/ROT WT 215/155/173 / TORQUE ON/OFF BOTTOM 13 K/ 11 K / MUD WT 11.9 PPG VIS 43

US ROCKIES REGION

Operation Summary Report

Well: NBU 921-26J3AS BLUE	Spud Conductor: 2/25/2010	Spud Date: 3/4/2010
Project: UTAH-UINTAH	Site: NBU 921-26J PAD	Rig Name No: PROPETRO/, H&P 298/298
Event: DRILLING	Start Date: 2/26/2010	End Date: 5/11/2010
Active Datum: RKB @5,036.01ft (above Mean Sea Level)	UWI: NW/SE/0/9/S/21/E/26/0/0/6/ON/S/1,437.00/E/0/1,841.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	14:30 - 17:00	2.50	DRLPRO	17	G	X		LOST TOTAL RETURNS @ 8,980'/ REDUCE PUMP RATE / CONTINUE TO RECIPROCATE AND ROTATE/ MIX & PUMP 4 X 25% LCM 90 BBL PILLS / REGAIN PARTIAL RETURNS / MEANWHILE MIX INTO ACTIVE FOR 20 TO 25% LCM SYSTEM & BUILD VOL. / SHAKERS BY PASSED/ REGAIN FULL RETURNS / MUD WT 11.9 PPG / VIS 43
	17:00 - 17:30	0.50	DRLPRO	07	A	P		RIG SERVICE / LET LCM PILL CURE
	17:30 - 0:00	6.50	DRLPRO	02	D	P		DRILL/ ROT / F/ 8,980' TO 9,234' = 254' @ 39.07 FPH / WOB 18-20 K / TOP DRIVE RPM 45-55 / PUMP 95/100 SPM = 405/450 GPM / PUMP PRESSURE ON/OFF BOTTOM 2350/2160 PSI / MUD MOTOR RPM 65/ 72 / PU/SO/ROT WT 218/160/179 / TORQUE ON/OFF BOTTOM 12K/9K / MUD WT 12.3 PPG VIS 40 / 23% LCM
5/6/2010	0:00 - 6:30	6.50	DRLPRO	02	D	P		DRILL/ ROT / F/ 9,234' TO 9,483' = 249' @ 38.30 FPH / WOB 16-18 K / TOP DRIVE RPM 45-55 / PUMP 95/100 SPM = 405/450 GPM / PUMP PRESSURE ON/OFF BOTTOM 2350/2160 PSI / MUD MOTOR RPM 65/ 72 / PU/SO/ROT WT 218/160/179 / TORQUE ON/OFF BOTTOM 12K/9K / MUD WT 12.3 PPG VIS 40 / 23% LCM /27 BPH DYNAMIC LOSSES/ REDUCE PUMPING AND DRILLING RATE (180 BBL MUD LOSS)
	6:30 - 7:30	1.00	DRLPRO	22	G	X		LOST TOTAL RETURNS @ 9,483'/ REDUCE PUMP RATE / MIX /PUMP & BULD VOLUME FOR A 12.5 PPG MUD WT & 22 TO 28% LCM REGAIN PARTIAL RETURNS/ VOLUME GETTING LOW/ DYNAMIC LOSSES 180 - 200 +- BPH @ 135GPM (195 BBL MUD LOSS)
	7:30 - 14:00	6.50	DRLPRO	22	G	X		TOOH F/ 9,483' TO 9,000'/MIX & BUILD VOL. / DYNAMIC LOSSES @ 140 BPH PER HR.TOOH TO 8,600' MIX AND BUILD VOL/ MAINTIANING 12.5 PPG 39VIS 22 TO 28% LCM LOSSES STEADLY DECREASING / STAGE PUMP UP FROM 135 GPM TO 450GPM DYNAMIC LOSSES -0- (195 BBL MUD LOSS)
	14:00 - 14:30	0.50	DRLPRO	07	A	P		RIG SERVICE / MEANWHILE LET LCM PILL CURE & HOLE HEAL
	14:30 - 15:00	0.50	DRLPRO	22	G	X		TIH F/ 8,600' TO 9,100'/ STAGE PUMP UP F/ 135 GPM TO 450 GPM NO DYNAMIC LOSSES / TIH TO 9,280' WASH TO BTM W/ 400 GPM W/ NO MUD LOSS OR PROBLEMS
	15:00 - 0:00	9.00	DRLPRO	02	D	P		DRILL/ ROT / F/ 9,483' TO 9,832' = 349' @ 38.77 FPH / WOB 16-20 K / TOP DRIVE RPM 45-55 / PUMP 100 SPM = 450 GPM / PUMP PRESSURE ON/OFF BOTTOM 2300/2100 PSI / MUD MOTOR RPM 72 / PU/SO/ROT WT 225/170/190 / TORQUE ON/OFF BOTTOM 12K/10K / MUD WT 12.6 PPG VIS 40 / 28% LCM / 5.5 BPH DYNAMIC LOSSES/ REDUCE PUMPING (50 BBL MUD LOSS)
5/7/2010	0:00 - 0:30	0.50	DRLPRO	02	D	P		DRILL / ROTATE F/ 9,832 TP 9,852' = 20' @ 40 FPH
	0:30 - 8:00	7.50	DRLPRO	22	G	X		LOST RETURNS / UNABLE TO REGAIN /PULL F/ 9,852' TO 8,585' / MIX / PUMP & BUILD VOL. FOR A 12.6 PPG MUD WT / 28% LCM & 40 VIS / LET HOLE HEAL SEVERAL TIMES / REGAIN CIRC / STAGE PUMPS UP TO 95 SPM / 428 GPM -NO DYNAMIC LOSE - HOLE & VOLUME OK / STAGE IN HOLE TO BTM @ 9,852' W/ NO PROBLEMS (180 BBL LOSE)
	8:00 - 8:30	0.50	DRLPRO	07	A	P		RIG SERVICE / LET HOLE HEAL

US ROCKIES REGION

Operation Summary Report

Well: NBU 921-26J3AS BLUE	Spud Conductor: 2/25/2010	Spud Date: 3/4/2010
Project: UTAH-UINTAH	Site: NBU 921-26J PAD	Rig Name No: PROPETRO/, H&P 298/298
Event: DRILLING	Start Date: 2/26/2010	End Date: 5/11/2010
Active Datum: RKB @5,036.01ft (above Mean Sea Level)	UWI: NW/SE/0/9/S/21/E/26/0/0/6/ON/S/1,437.00/E/0/1,841.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	8:30 - 0:00	15.50	DRLPRO	02	D	P		DRILL/ ROT / F/9,852' TO 10,142' = 310' @ 20 FPH / WOB 18-22 K / TOP DRIVE RPM 40-45 / PUMP 90/95 SPM = 402/428 GPM / PUMP PRESSURE ON/OFF BOTTOM 2100/1900 PSI / MUD MOTOR RPM 68 / PU/SO/ROT WT 225/175/195 / TORQUE ON/OFF BOTTOM 11K/10K / MUD WT 12.8 PPG VIS 42 / 28% LCM (25 BBL LOSE)
5/8/2010	0:00 - 5:30	5.50	DRLPRO	02	D	P		DRILL / ROTATE F/ 10,142 TO 10,213' = 71' @ 12.9 FPH / WOB 22 K / TOP DRIVE RPM 40-45 / PUMP/ 95 SPM = 428 GPM / PUMP PRESS ON/OFF BOTTOM 2250/2100 PSI / MUD MOTOR RPM 68 / PU/SO/ROT WT 230/176/195 / TORQUE ON/OFF BOTTOM 11K/10K / MUD WT 12.8 PPG VIS 42 / 28% LCM (15 BBL LOSE)
	5:30 - 6:30	1.00	DRLPRO	06	A	P		TOOH / BACKREAM F/ 10,213' TO 9,275' PRECAUTIONARY
	6:30 - 12:30	6.00	DRLPRO	06	A	P		TOOH F/ 9,275' TO BIT (TOOH SLOWER THAN NORMAL DUE TO LCM CONTENT AND TO ENSURE HOLE STABILITY)
	12:30 - 13:00	0.50	DRLPRO	06	A	P		C/O BIT AND MUD MOTOR-M/U BIT & BHA #3 SURFACE TEST SAME
	13:00 - 14:00	1.00	DRLPRO	06	A	P		TIH W/ BIT # 3 TO SHOE @ 2,442' - BIT BELOW SHOE BREAK CIRC W/ NO PROBLEMS
	14:00 - 14:30	0.50	DRLPRO	07	A	P		RIG SERVICE @ 2,442'
	14:30 - 18:00	3.50	DRLPRO	06	A	P		CONTINUE TO TIH TO 9,933'@ CONTROLLED RATE TO PREVENT FROM SURGING WELL / FILL EA. 1500' (LEDGE @ 7,760') P/U AND WORK THROUGH SAME WITH NO PROBLEMS
	18:00 - 19:00	1.00	DRLPRO	03	D	P		WASH & REAM F/ 9,933' TO 10,213' W/ NO PROBLEMS AND NO MUD LOSE
	19:00 - 0:00	5.00	DRLPRO	02	D	P		DRILL / ROTATE F/ 10,213' TO 10,395' = 182' @ 36.4 FPH / WOB 22 K / TOP DRIVE RPM 40-45 / PUMP/ 95 SPM = 428 GPM / PUMP PRESS ON/OFF BOTTOM 2250/2100 PSI / MUD MOTOR RPM 68 / PU/SO/ROT WT 230/176/195 / TORQUE ON/OFF BOTTOM 11K/10K / MUD WT 12.9 PPG VIS 44 / 28% LCM (NO MUD LOSE)
5/9/2010	0:00 - 7:30	7.50	DRLPRO	02	D	P		DRILL / ROTATE F/ 10,395' TO 10,650' TD = 255' @ 34 FPH / WOB 22 K / TOP DRIVE RPM 40-45 / PUMP/ 95 SPM = 428 GPM / PUMP PRESS ON/OFF BOTTOM 2250/2100 PSI / MUD MOTOR RPM 68 / PU/SO/ROT WT 230/176/195 / TORQUE ON/OFF BOTTOM 11K/10K / MUD WT 13.0 PPG VIS 46 / 28% LCM (45 BBL MUD LOSE)
	7:30 - 9:00	1.50	DRLPRO	06	E	P		5 STD WIPER TRIP F/ 10,650 TO 10,186' / TIH / WITH NO PROBLEMS & NO FILL (15 BBLMUD LOSE)
	9:00 - 10:30	1.50	DRLPRO	05	C	P		CIRC & CONDITION MUD @ 10,650 FOR LOGS/ BTM'S UP 7,200 UNITS GAS, 5' FLARE W/ MUD CUT F/ 13.0 PPG TO 12.8+PPG
	10:30 - 11:30	1.00	DRLPRO	03	D	P		BACKREAM F/ 10,650 TO 9,788' W/ NO PROBLEMS AND NO MUD LOSE
	11:30 - 19:00	7.50	DRLPRO	06	B	P		TOOH F/ 9,788' TO BIT (MUD LOSE 32 BBL)
	19:00 - 0:00	5.00	PROD	11	D	P		PJSM/ RU SCHLUMBERGER AND RIH TO BTM W/ NO PROBLEMS TO 10,648 W.L. DEPTH / LOG W/ QUAD COMBO W/ DIPOLE SONIC F/ 10,648' TO 10,000' (NO MUD LOSE)

US ROCKIES REGION

Operation Summary Report

Well: NBU 921-26J3AS BLUE	Spud Conductor: 2/25/2010	Spud Date: 3/4/2010
Project: UTAH-UINTAH	Site: NBU 921-26J PAD	Rig Name No: PROPETRO/, H&P 298/298
Event: DRILLING	Start Date: 2/26/2010	End Date: 5/11/2010
Active Datum: RKB @5,036.01ft (above Mean Sea Level)	UWI: NW/SE/0/9/S/21/E/26/0/0/6/ON/S/1,437.00/E/0/1,841.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
5/10/2010	0:00 - 15:00	15.00	PROD	11	D	P		CONTINUE LOGGING UP W/ SCHLUMBERGER F/ 10,000' TO SURFACE (QUAD COMBO & DIPOLE SONIC) L/D TOOLS / P/U AND RIH W/ FMI LOG TO BTM @10,648' LOG UP TO 8,500'/ POOH AND R/D LOGGING TOOLS AND EQUIPMENT (NO MUD LOSE)
	15:00 - 15:30	0.50	PROD	14	B	P		PULL WEAR BUSHING
	15:30 - 16:00	0.50	PROD	07	A	P		RIG SERVICE
	16:00 - 17:00	1.00	PROD	12	A	P		PJSM / RU CSG EQUIPMENT
	17:00 - 0:00	7.00	PROD	12	C	P		RUN 4 1/2" 11.60 P-110 LT&C TO 10,100' CHECK FLOAT EQUIPMENT OK- BREAK CIRC EA 1500 ' (75 BBL MUD LOSE)
5/11/2010	0:00 - 1:30	1.50	PROD	12	C	P		CONTINUE TO RUN 4 1/2" PRODUCTION CSG F/ 10,100' TO 10,637' LAND HANGER W/ 87K TOTAL JTS RAN 238 JTS / 11.6O# / P110 LT&C / SHOE @ 10,637' / FLOAT @ 10,590' / MARKER @ 4,852'
	1:30 - 3:00	1.50	PROD	05	D	P		ATTEMPT TO CIRC W/ NO SUCCESS / PUMP 2X CSG VOL W/ NO RETURNS
	3:00 - 6:00	3.00	PROD	12	E	P		HSM RU BJ / TEST PUMPS & LINES TO 5000 PSI / PUMP 40 BBLS H2O + 582 SX LEAD CEMENT @ 13.0 ppg (PREM LITE II + .25 pps CELLO FLAKE + 5 pps KOL SEAL + .05 lb/sx STATIC FREE + 10% bwoc BENTONITE + .2% bwoc SODIUM META SILICATE + .4 % R-3 + 122.54 BBLS FRESH WATER / (8.84 gal/sx, 1.76 yield) + 1209 SX TAIL @ 14.3 ppg (CLS G 50/50 POZ + 10% SALT + .05llbs/sx STATIC FREE + .2% R3 + .002 gal/sx FP-6L + 2% BENTONITE + 169.97 BBLS H2O / (5.90 gal/sx, 1.31 yield) / DROP PLUG & DISPLACE W/168 BBLS H2O + ADDITIVES / BUMP PLUG @ 05:30 / W/ 3200 PSI INCREASE TO 3,700 PSI HOLD FOR 5MINS-OK/ NO RETURNS THROUGHOUT JOB / FLOATS HELD W/ 2 BBLS H2O RETURNED TO INVENTORY / TOP OF TAIL CEMENT CALCULATED @4300' R.D.M.O. BJ EQUIPMENT
	6:00 - 7:00	1.00	PROD	14	A	P		ND BOP / CLEAN PITS
	7:00 - 8:00	1.00	PROD	01	C	P		PREPARE TO SKID F/ NBU 921-26J3AS TO NBU 921-O1BS RELEASE RIG 08:00

US ROCKIES REGION

Operation Summary Report

Well: NBU 921-26J3AS BLUE	Spud Conductor: 2/25/2010	Spud Date: 3/4/2010
Project: UTAH-UINTAH	Site: NBU 921-26J PAD	Rig Name No: PROPETRO/, H&P 298/298
Event: DRILLING	Start Date: 2/26/2010	End Date: 5/11/2010
Active Datum: RKB @5,036.01ft (above Mean Sea Level)	UWI: NW/SE/0/9/S/21/E/26/0/0/6/ON/S/1,437.00/E/0/1,841.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	8:00 - 8:00	0.00	PROD					CONDUCTOR CASING: Cond. Depth set: 44 Cement sx used: 0 SPUD DATE/TIME: 3/4/2010 7:30 SURFACE HOLE: Surface From depth: 44 Surface To depth: 2,492 Total SURFACE hours: 32.00 Surface Casing size: 8 5/8 # of casing joints ran: 55 Casing set MD: 2,442.0 # sx of cement: 355 Cement blend (ppg:) 11 Cement yield (ft3/sk): 3.82 # of bbls to surface: 0 Describe cement issues: NO CMT OT SURFACE - 100 SK TOP OUT Describe hole issues: PRODUCTION: Rig Move/Skid start date/time: 4/29/2010 15:30 Rig Move/Skid finish date/time: 4/29/2010 16:00 Total MOVE hours: 0.5 Prod Rig Spud date/time: 4/30/2010 5:30 Rig Release date/time: 5/11/2010 8:00 Total SPUD to RR hours: 266.5 Planned depth MD 10,798 Planned depth TVD 10,740 Actual MD: 10,650 Actual TVD: 10,593 Open Wells $: $1,020,762 AFE $: $766,791 Open wells $/ft: $95.85 PRODUCTION HOLE: Prod. From depth: 2,492 Prod. To depth: 10,650 Total PROD hours: 169 Log Depth: 10,648 Production Casing size: 4 1/2 # of casing joints ran: 238 Casing set MD: 10,637.0 # sx of cement: LEAD 582 SKS / TAIL 1209 SKS Cement blend (ppg:) LEAD /13.0 PPG / TAIL 14.3 Cement yield (ft3/sk): LEAD 1.76 / TAIL 1.31 Est. TOC (Lead & Tail) or 2 Stage : LEAD = 0/ TAIL =4,300' Describe cement issues: NO RETURNS WHILE PUMPING Describe hole issues: HAD 28% LCM IN SYSTEM TO CONTROL LOSSES -TOTAL BBLS LOST ON THIS HOLE 3132 BBLS NO OTHER PROBLEMS DIRECTIONAL INFO: KOP: 2,442 Max angle: 12.88 Departure: 446.00 Max dogleg MD: 4.57

US ROCKIES REGION

Operation Summary Report

Well: NBU 921-26J3AS BLUE	Spud Conductor: 2/25/2010	Spud Date: 3/4/2010
Project: UTAH-UINTAH	Site: NBU 921-26J PAD	Rig Name No: MILES 2/2, GWS 1/1
Event: COMPLETION	Start Date: 7/8/2010	End Date: 7/20/2010
Active Datum: RKB @5,036.01ft (above Mean Sea Level)	UWI: NW/SE/0/9/S/21/E/26/0/0/6/ON/S/1,437.00/E/0/1,841.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
7/8/2010	-							
7/9/2010	10:30 - 19:30	9.00	COMP	31	I	P		MIRU, ND WH, NU BOPS, RU FLOOR, TALLY & PU TBG FOR DEEPENING WELL ON MONDAY, SWI SDFWE.
	-							
7/12/2010	6:30 - 6:45	0.25	COMP	48		P		HSM, SURROUNDING WELLS ON PAD WELL.
	6:45 - 17:30	10.75	COMP	31	I	P		TALLY & PU TBG FOR DEEPENING WELL FOR BTM PERF, TAG @ 10,530' RU POWER SWIVEL BREAK CIRC, DRILL FROM 10,530 - 10,615' W/ 337 JTS L-80 TBG FOR BTM PERFORATION, CIRC BTMS UP & LD TBG, RD FLOOR, ND BOPS, NU WH, SWI, RD PARK RIG ON LOCATION ROAD TO STATE 1021-32H IN AM, SDFN.
7/16/2010	8:00 - 15:00	7.00	COMP	37	B	P		OPEN WELL 0#. PSI TEST CSG & BOTH FRAC VALVES T/ 9000#. GOOD TEST. BLEED OFF PSI. PU 3 1/8 EXP GUN, 23 GM, .36 HOLE SIZE. 90, 120 & 180 DEG PHASING. RIH PERF F/ 10,598'-00', 4 SPF, 8 HOLES. PULL UP HOLE 250'. RU B&C QUICK TEST T/ BRK DWN 1ST INTERVAL. BRK @ 6000# @ 3/4 BPM. SD. PUMP 3 BBLS. RD B&C QUICK TEST. RIH W/ WL FINISH PERF F/ 10,580'-82', 4 SPF, 8 HOLES. 10,568'-72', 3 SPF, 12 HOLES. 10,553'-57', 2 SPF, 8 HOLES. 36 TOTAL HOLES. POOH. SWIFWE.
7/19/2010	7:00 - 7:15	0.25	COMP	48		P		HSM.

US ROCKIES REGION

Operation Summary Report

Well: NBU 921-26J3AS BLUE	Spud Conductor: 2/25/2010	Spud Date: 3/4/2010
Project: UTAH-UINTAH	Site: NBU 921-26J PAD	Rig Name No: MILES 2/2, GWS 1/1
Event: COMPLETION	Start Date: 7/8/2010	End Date: 7/20/2010
Active Datum: RKB @5,036.01ft (above Mean Sea Level)	UWI: NW/SE/0/9/S/21/E/26/0/0/6/ON/S/1,437.00/E/0/1,841.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	7:15 - 18:30	11.25	COMP	36	B	P		FRAC STG 1)WHP 1788 PSI. BEG STEP RT TEST. EST INJ RT @ 37.7 BPM @ 5900# STEP #1 4850# @ 23.6 BPM STEP #2 4055# @ 7.9 BPM. SD ISIP 3941 PSI, FG .81. 5 MIN ISIP 3641 PSI. PUMP 100 BBLS @ 51.9 BPM @ 7335 PSI = 94% HOLES OPEN. ISIP 3848 PSI, FG .80, NPI 93 PSI. 5 MIN ISIP 3752 PSI. MP 8768 PSI, MR 51.9 BPM, AP 7101 PSI, AR 37 BPM, PMP 3738 BBLS SW & 63,736 LBS OF 30/50 TLC. SWI, X-OVER FOR WL. (((((AFTER FINISHING BOTH WELL . FOUND THAT THE SGU # WAS @ 1.031. THE SGU # SHOULD HAVE BEEN .098. THIS NUMBER CAUSED OUR SAND COUNT T/ BE OFF.)))) PERF STG 2)PU 4 1/2 10K HAL CBP & 3 1/8 EXP GUN, 23 GM, .36 HOLE SIZE. 90 & 120 DEG PHASING. RIH SET CBP @ 10,490' P/U PERF F/ 10,458'-60', 4 SPF, 8 HOLES. PULL UP HOLE 250'. BRK DWN INTERVAL. BRK @ 4508 PSI @ 2.6 BPM. RIH CONT PERF F/ 10.446'-50', 3 SPF, 12 HOLES. 10,414'-16', 3 SPF, 6 HOLES. 10,392,-94', 3 SPF, 6 HOLES. 10,380'-82', 3 SPF, 6 HOLES. 38 TOTAL HOLES. POOH, X-OVER FOR FRAC CREW. FRAC STG 2)WHP 3390 PSI. BEG STEP RT TEST. EST INJ RT @ 40.3 BPM @ 8458# STEP #1 6430 @ 29.8 BPM STEP #2 4901# @ 19 BPM. STEP #3 4150 # @ 11.1 BPM. STEP #4 3880# @ 6.4 BPM. SD ISIP 3905 PSI, FG .81. 5 MIN ISIP 3667 PSI. PUMP 100 BBLS @ 51.5 BPM @ 7012 PSI = 100% HOLES OPEN. ISIP 3805 PSI, FG .80, NPI 100 PSI. 5 MIN ISIP 3682 PSI. MP 8667 PSI, MR 51 BPM, AP 7390 PSI, AR 45 BPM, PMP 4550 BBLS SW & 130,627 LBS OF 30/50 TLC. SWI, X-OVER FOR WL. (((((AFTER FINISHING BOTH WELL . FOUND THAT THE SGU # WAS @ 1.031. THE SGU # SHOULD HAVE BEEN .098. THIS NUMBER CAUSED OUR SAND COUNT T/ BE OFF.))))
7/20/2010	7:00 - 7:30	0.50	COMP	48		P		MIRU

US ROCKIES REGION

Operation Summary Report

Well: NBU 921-26J3AS BLUE	Spud Conductor: 2/25/2010	Spud Date: 3/4/2010
Project: UTAH-UINTAH	Site: NBU 921-26J PAD	Rig Name No: MILES 2/2, GWS 1/1
Event: COMPLETION	Start Date: 7/8/2010	End Date: 7/20/2010
Active Datum: RKB @5,036.01ft (above Mean Sea Level)	UWI: NW/SE/0/9/S/21/E/26/0/0/6/ON/S/1,437.00/E/0/1,841.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	7:30 - 20:30	13.00	COMP	31		P		MIRU, ND FRAC VALVE, TBG HEAD WON'T LINE UP WITH FLOW AND LOCK DWN, CALL WEATHERFORD, NU BOP'S, TEST TO 3000#, PU TBG, RIH WITH 327 JTS TAG PLUG @ 10,330'. RU PWR SWIVIL, BREAK CIRC, DRILL PLUG PLUG# 1 10292' 38' SAND 7 MIN 900# KICK PLUG# 2 10490' 40' SAND 7 MIN 400# KICK C/O TO PBTD 10589',POOH TO 10319' 328 JTS, LAND TBG, EOT WITH KB 10348', XNSN, 1.875". ND BOP'S, NU WH. POBS 3500#, CSG 2850#, TBG 150#. TURN TO FLOW BACK CREW 20:30 HRS N 39 DEGREES 56,935' W 109 DEGREES 36,933' ELEV 5013'
7/21/2010	7:00 -			33	A			7 AM FLBK REPORT: CP 2300#, TP 2400#, 20/64" CK, 75 BWPH, MED SAND, - GAS TTL BBLS RECOVERED: 1288 BBLS LEFT TO RECOVER: 5030
	9:30 -		PROD	50				WELL TURNED TO SALES @ 0930 HR ON 7/21/2010 - 2200 MCFD, 960 BWPD, CP 2200#, FTP 1500#, CK 20/64"
7/22/2010	7:00 -			33	A			7 AM FLBK REPORT: CP 2000#, TP 1600#, 20/64" CK, 40 BWPH, MED SAND, - GAS TTL BBLS RECOVERED: 2496 BBLS LEFT TO RECOVER: 3822
7/23/2010	7:00 -			33	A			7 AM FLBK REPORT: CP 2275#, TP 1400#, 20/64" CK, 28 BWPH, MED SAND, - GAS TTL BBLS RECOVERED: 3311 BBLS LEFT TO RECOVER: 3007
7/24/2010	7:00 -			33	A			7 AM FLBK REPORT: CP 1850#, TP 1050#, 20/64" CK, 18 BWPH, LIGHT SAND, - GAS TTL BBLS RECOVERED: 3820 BBLS LEFT TO RECOVER: 2498

API Well No: 43047508830000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: ML 22934

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES

1. TYPE OF WELL: Gas Well

8. WELL NAME and NUMBER: NBU 921-26J3AS

2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.

9. API NUMBER: 43047508830000

3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779
PHONE NUMBER: 720 929-6007 Ext

9. FIELD and POOL or WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1437 FSL 1841 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 26 Township: 09.0S Range: 21.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 11/23/2010	☐ ACIDIZE	☐ ALTER CASING	✓ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Wellhead

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The operator requests approval to conduct wellhead/casing repair operations on the subject well location. This well was completed in the past and has been on production. Please find the attached procedure for the proposed repair work on the subject well location.

Approved by the Utah Division of Oil, Gas and Mining

Date: 11/23/2010

By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Andy Lytle	720 929-6100	Regulatory Analyst
SIGNATURE: N/A		DATE: 11/23/2010

RECEIVED November 23, 2010

WORKORDER #: 88104325

Name: NBU 921-26J3AS 11/22/10
Location: NWSE 26 T9S R21E
Uintah County, UT

ELEVATIONS: 5009' GL 5035' KB

TOTAL DEPTH: 10,650' PBTD: 10,589'

SURFACE CASING: 8 5/8", 28# J-55 ST&C @ 2464', TOC @ surface

PRODUCTION CASING: 4 1/2", 11.6#, I-80 LT&C @ 10,637'
Marker Joint 5768'-5783'
T.O.C.@ 6000'

PERFORATIONS: Mesaverde 10380' – 10600'

	BURST (psi)	COLLAPSE (psi)	DRIFT DIA. (in.)	CAPACITIES	
				(bbl/ft)	(gal/ft)
2 3/8" 4.7# J-55 tbg	7,700	8,100	1.901"	0.00387	0.1624
4 ½" 11.6# I-80 (See above)	7780	6350	3.875"	0.0155	0.6528
2 3/8" by 4 ½" Annulus				0.0101	0.4227

GEOLOGICAL TOPS:

1624' Green River
1835' Bird's Nest
2179' Mahogany
4857' Wasatch
7632' Mesaverde
10,650' Bottom of Mesaverde (TD)

Completion Information:

- 7/19/10 - Perf and frac gross MV interval f/ 6671' – 8350' in 2 stages using 194,363# sand & 8288 bbls slickwater fluid
- Well IP'd on 7/24/10 - 2118 MCFD, 0 BOPD, 432 BWPD, CP 1850#, FTP 1050#, CK 20/64", LP 109#, 24 HRS

RECEIVED November 23, 2010

NBU 921-26J3AS – WELLHEAD REPLACEMENT PROCEDURE

GENERAL

- NOTIFY UDOGM PRIOR TO INITIATING ANY WORKOVER ACTIVITIES
  - DAVE HACKFORD 435-722-7589
  - DAN JARVIS 801-5385338
  - DUSTIN DOUCET 801-538-5281
- NO WORK SHALL COMMENCE UNTIL UDOGM HAS BEEN NOTIFIED

PREP-WORK PRIOR TO MIRU:

1. Dig out down to the 2" surface casing valve or to the valve on the riser off the surface casing.

2. Install a tee with 2 valves, with a pressure gauge and sensor on one valve.

3. Open casing valve and record pressures.

4. Install nipple and steel hose on the other valve, the relief valve,. Do not use hammer unions. No impact equipment or tools to be used for any of this installation. Extend hose and hard piping to a downwind location at least 100' from the wellhead. Consider installing a manifold so that vent area could be in two locations approx. 90 degrees apart from the wellhead.

5. Open the relief valve and blow well down to the atmosphere.

6. Make a determination of amount of gas flow, either by installation of a choke nipple, bucket test or other.

7. Shut well in. Observe for rate of build-up by utilizing sensor data. Do not build-up for more than 24 hours. Vent gas through the vent line and leave open to the atmosphere.

WORKOVER PROCEDURE:

1. MIRU workover rig.

2. Kill well with 10# brine / KCL (dictated by well pressure).

3. Remove tree, install double BOP with blind and 2 3/8" pipe rams, with accumulator closing unit and manual back-ups. Function test BOP system.

4. Pooh w/ tubing.

5. Rig up wireline service. RIH and set CBP @ ~10,330'. Dump bail 4 sx cement on top of plug. POOH and RD wireline service.

6. Remove BOP and ND WH.

RECEIVED November 23, 2010

7. Depending on conditions at wellsite, continue with either CUT/PATCH Procedure or BACK-OFF Procedure.

CUT/PATCH PROCEDURE:

1. PU internal casing cutters and RIH. Cut casing at +/- 30' from surface.

2. Pooh, LD cutters and casing.

3. PU & RIH w/ 4 ½" 10k external casing patch on 4 ½" I-80 or P-110 casing.

4. Latch fish, PU to 100,000# tension. RU B&C. Cycle pressure test to 7,000# / 9,000# psi.

5. Install C-22 slips. Land casing w/ 80,000# tension.

6. Cut-off and dress 4 ½" casing stub.

7. NUWH. PU 3 7/8" bit, POBS and RIH. D/O cement and plug ~10,330'. Clean out to PBTD (10,589').

8. POOH, land tbg and pump off POBS.

9. NUWH, RDMO. Turn well over to production ops.

BACK-OFF PROCEDURE:

1. PU internal casing cutters and RIH. Cut casing at +/- 6' from surface.

2. POOH, LD cutters and casing.

3. PU 4 ½" overshot. RIH, latch fish. Pick string weight to neutral.

4. MIRU wireline services. RIH and shoot string shot at casing collar @ 46'.

5. MIRU casing crew.

6. Back-off casing, Pooh.

7. PU new casing joint w/ entry guide and RIH. Tag casing top. Thread into casing and torque up to +/- 6000#.

8. PU 100,000# tension string weight. RU B&C. Cycle pressure test to 7,000# / 9,000# psi.

9. Install C-22 slips. Land casing w/ 80,000# tension.

10. Cut-off and dress 4 ½" casing stub.

RECEIVED November 23, 2010

11. NUWH. PU 3 7/8" bit, POBS and RIH. D/O cement and plug ~10,330'. Clean out to PBTD (10,589').

12. POOH, land tbg and pump off POBS.

13. NUWH, RDMO. Turn well over to production ops.

RECEIVED November 23, 2010

Logan High Pressure Casing Patches
Assembly Procedure

All parts should be thoroughly greased before being assembled.

1. Install all four Logan Type “L” Packers in the spaces provided in the Casing Patch Bowl. Refer to diagram provided for proper installation.

2. Install Packer Protector from the Basket Grapple end of the Bowl. The beveled end of the Packer Protector goes in first. Carefully push the Packer Protector through the four Type “L” Packers.

3. Align Shear Pin Holes in Packer Protector so that the holes have just passed into the counter bore at the Top Sub end, refer to diagram. The Packer Protector is provided with four Shear Pin Holes. Use only two holes, 180 degrees apart and install the pins.

4. Screw the Basket Grapple in from the lower end of the Bowl, using left-hand rotation. The Tang Slot in the Basket Grapple must land in line with the slot in the Bowl.

5. Insert the Basket Grapple Control into the end of the Bowl. Align Tang on the Basket Grapple Control with the Tang Slot of the Bowl and Basket Grapple. This secures the Bowl and the Basket Grapple together.

6. Install the Cutlipped Guide into the lower end of the Bowl.

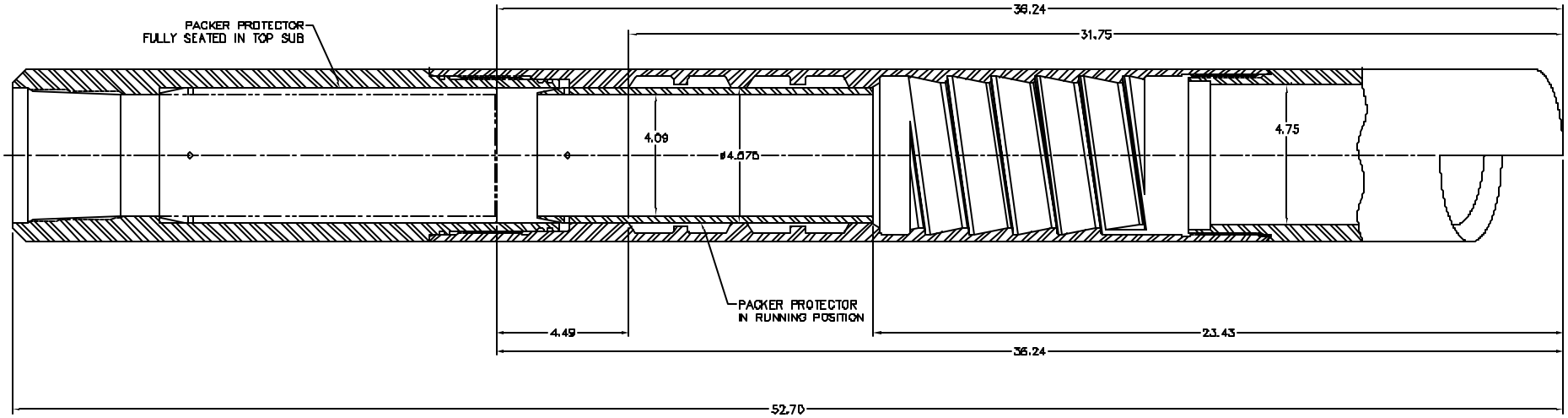
7. Install O-Rings on the two five-foot long Extensions. Screw the first Extension into the top end of the Bowl. Screw the second Extension into the top end of the first Extension.

8. Install O-Ring on Top Sub. Screw Top Sub into top end of second Extension.

Follow recommended Make-Up Torque as provided in chart.

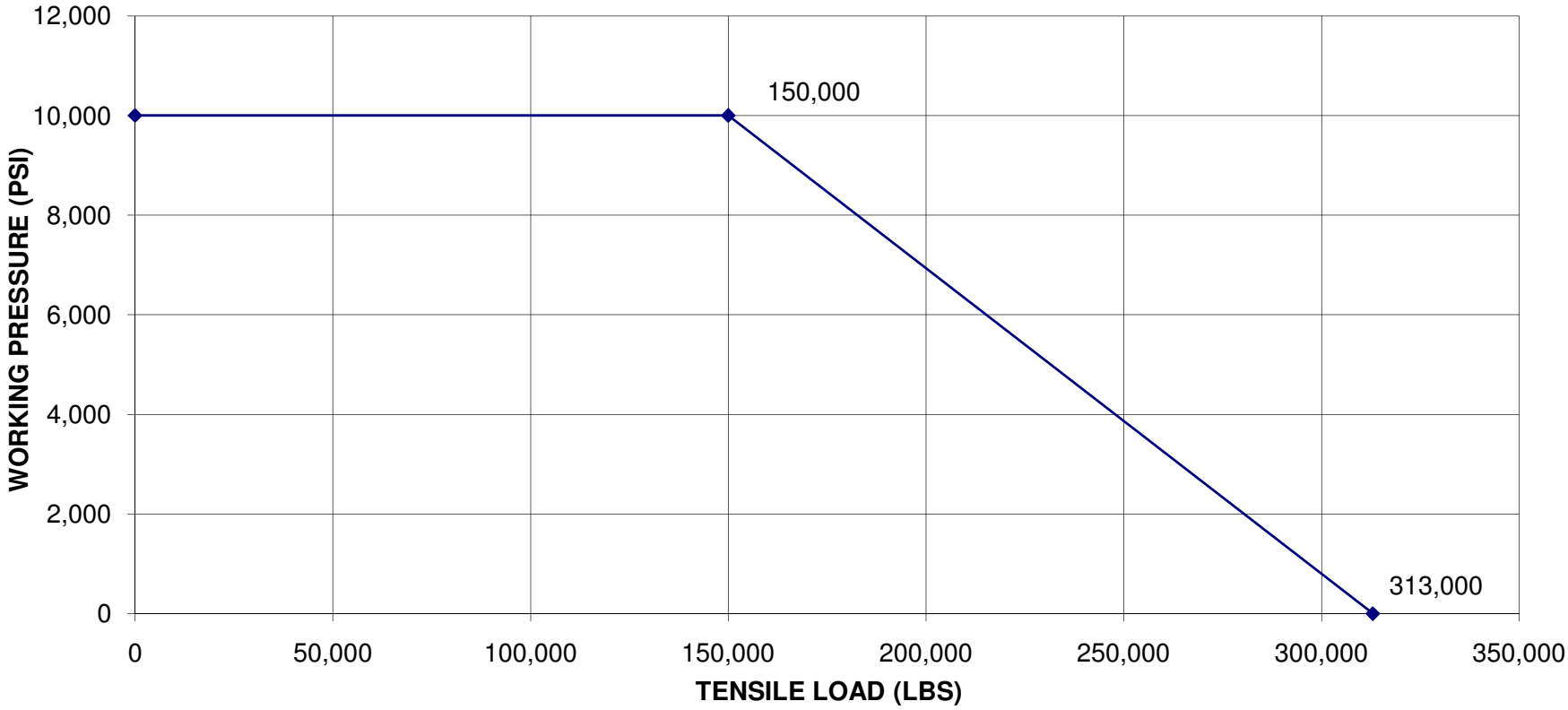
RECEIVED November 23, 2010

510L-005-001 4-1/2" LOGAN HP CASING PATCH



RECEIVED November 23, 2010

STRENGTH DATA FOR LOGAN 5.88" OD "L" TYPE CSG PATCH
4-1/2 CASING, 10K PSI MAX WP 125K YIELD MAT'L
LOGAN ASSEMBLY NO. 510L-005 -000



RECEIVED November 23, 2010

COLLAPSE PRESSURE:
11,222 PSI @ 0 TENSILE
8,634 PSI @ 220K TENSILE

Tensile Strength @ Yield:
Tensile Strength w/ 0 Int. Press.= 472,791lbs.
Tensile Strength w/ 10K Int. Press.= 313,748lbs.

DATA BY SLS 11/16/2009

API Well No: 43047508830000

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5.LEASE DESIGNATION AND SERIAL NUMBER: ML 22934

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: NBU 921-26J3AS

2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.

9. API NUMBER: 43047508830000

3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779
PHONE NUMBER: 720 929-6007 Ext

9. FIELD and POOL or WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1437 FSL 1841 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 26 Township: 09.0S Range: 21.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ NOTICE OF INTENT — Approximate date work will start:
- ✓ SUBSEQUENT REPORT — Date of Work Completion: 12/1/2010
- ☐ SPUD REPORT — Date of Spud:
- ☐ DRILLING REPORT — Report Date:

TYPE OF ACTION

☐ ACIDIZE	☐ ALTER CASING	✓ CASING REPAIR
☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Wellhead

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The operator has concluded the wellhead/casing repair on the subject well location. Please see the attached chronological well history for details of the operation.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
12/09/2010

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Andy Lytle	720 929-6100	Regulatory Analyst

SIGNATURE	DATE
N/A	12/8/2010

RECEIVED December 08, 2010

US ROCKIES REGION

Operation Summary Report

Well: NBU 921-26J3AS BLUE	Spud Conductor: 2/25/2010	Spud Date: 3/4/2010
Project: UTAH-UINTAH	Site: NBU 921-26J PAD	Rig Name No: LEED 698/698
Event: WELL WORK EXPENSE	Start Date: 11/23/2010	End Date:
Active Datum: RKB @5,036.00ft (above Mean Sea Leve	UWI: NW/SE/0/9/S/21/E/26/0/0/6/ON/S/1,437.00/E/0/1,841.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
11/29/2010	7:00 - 7:30	0.50	MAINT	48		P		HELD HELD SAFETY MTG.
	7:30 - 14:30	7.00	MAINT	31	I	P		RDMO OF NBU 921-27C1BS. MIRU ON NBU 921-26J3AS. NUBOP. POOH W/ TUBING.
	14:30 - 18:00	3.50	MAINT	34	D			MIRU CUTTERS. RIH TO 6019'. SET 10K CBP. DUMP BAIL 4 SX. CEMENT. SDFN.
11/30/2010	7:00 - 14:00	7.00	MAINT	47		P		FILLED HOLE W/ FLUID. CUT CASING AT 36'. RAN 10K LOGAN CASING PATCH AND 1 JNT P110 4 1/2 CASING. PULLED 100K#. P-TESTED 4 1/2 TO 5000#. RAN C-22 SLIPS. SET AT 90K. CUT CASING. NUWH. P-TEST TO 5000#.
	14:00 - 18:00	4.00	MAINT	31	I	P		RIH W/ BIT, POBS, XN SN, AND 2 3/8 TUBING. TAG CEMENT AT 6004'.
12/1/2010	7:00 - 13:00	6.00	MAINT	31	I	P		DO CEMENT. CHASE TO BTM. TAG AT 10613'. LD 9 JNTS. LANDED TUBING. EOT AT 10347.85' W/ 327. XN SN 10345.65'. PRESSURE TESTED 8 5/8 WITH RIG PUMP. HELD 1000# FOR 15MIN. RDMO.

RECEIVED December 08, 2010

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: ML 22934

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: NBU 921-26J3AS

2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.

9. API NUMBER: 43047508830000

3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779

PHONE NUMBER: 720 929-6515 EXT

9. FIELD and POOL or WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1437 FSL 1841 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 26 Township: 09.0S Range: 21.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 1/4/2012	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	✓ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The operator requests authorization to recomplete the subject well. The operator requests approval to recomplete the Wasatch and Mesaverde formations and commingle with the existing Mesaverde formation. Please see the attached procedure. Thank you.

Approved by the Utah Division of Oil, Gas and Mining

Date: January 12, 2012

By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Jaime Scharnowske	720 929-6304	Regulartory Analyst
SIGNATURE N/A		**DATE** 1/4/2012

RECEIVED: Jan. 04, 2012

Greater Natural Buttes Unit

NBU 921-26J3AS

RE-COMPLETIONS PROCEDURE

DATE:12/12/11
AFE#:
API#:4304750883
USER ID:OOT937 (Frac Invoices Only)

COMPLETIONS ENGINEER: **Michael Sollee, Denver, CO**
(720)-929-6057 (Office)
(832) 859 0515 (Cell)

SIGNATURE:

ENGINEERING MANAGER: JEFF DUFRESNE

SIGNATURE:

R E M E M B E R S A F E T Y F I R S T !

RECEIVED: Jan. 04, 2012

Name: **NBU 921-26J3AS**
Location: **NE SW NW SE Sec 26 T9S R21E**
LAT: 40.003703 **LONG: -109.516064** **COORDINATE:** *NAD83 (Surface Location)*
Uintah County, UT
Date: **12/12/11**

ELEVATIONS: 5010' GL 5036' KB *Frac Registry TVD: 10593*

TOTAL DEPTH: 10650' **PBTD:** 10589'
SURFACE CASING: 8 5/8", 32# J-55 LT&C @ 2464'
PRODUCTION CASING: 4 1/2", 11.6#, HCP-110 LT&C @ 10637'
Marker Joint **5768-5783**'

TUBULAR PROPERTIES:

	BURST (psi)	COLLAPSE (psi)	DRIFT DIA. (in.)	CAPACITIES (bbl/ft)	(gal/ft)
2 3/8" 4.7# J-55 tbg	7,700	8,100	1.901"	0.00387	0.1624
4 ½" 11.6# I-80 (See above)	7780	6350	3.875"	0.0155	0.6528
2 3/8" by 4 ½" Annulus				0.0101	0.4227

TOPS: **BOTTOMS:**

1623' Green River Top
1856' Bird's Nest Top
2369' Mahogany Top
4857' Wasatch Top 7633' Wasatch Bottom
7633' Mesaverde Top 10650' Mesaverde Bottom (TD)
*Based on latest geological interpretation

T.O.C. @ 5980'
**Based on latest interpretation of CBL

GENERAL:

- A minimum of **24** tanks (cleaned lined 500 bbl) of recycled water will be required. Note: Use biocide in tanks and the water needs to be at least 45°F at pump time.
- All perforation depths are from Schlumbergers Induction-Density-Neutron log dated 5/9/2010
- **12** fracturing stages required for coverage.
- Procedure calls for **13** CBP's (**8000** psi) .
- Calculate open perforations after each breakdown. If less than 60% of the perforations appear to be open, ball out with 15% HCl.
- Pump scale inhibitor at 3 gpt (in pad and until 1.25 ppg ramp up is reached) and 10 gpt in all flushes except the final stage. Remember to pre-load the casing with scale inhibitor for the very first stage with 10 gpt.
- 30/50 mesh Ottawa sand, **Slickwater frac**.
- Maximum surface pressure **7000** psi.

RECEIVED: Jan. 04, 2012

- **If casing pressure test fails. MIRU with tubing and packer. Isolate leak by pressure testing above and below the packer. RIH and set appropriate casing leak remediation (specific details on remediation will be provided in post-job-report). Re-pressure test to 1000 and 3500 psi for 15 minutes each and to 7000 psi for 30 minutes.**
- Flush volumes are the sum of slick water and acid used during displacement (include scale inhibitor as mentioned above). Stage acid and scale inhibitor if necessary to cover the next perforated interval.
- **Call flush at 0 PPG @ inline densiometers. Slow to 5 bbl/min over last 10-20 bbls of flush. Flush to top perf.**
- **If distance between plug and top perf of previous stage is less than 50', it is considered to be tight spacing - over flush stage by 5 bbls (from top perf)**
- **TIGHT SPACING ON STAGE 1, 2, 3, 5, 6, and 8; OVERFLUSH BY 5 BBLS**
- Tubing Currently Landed @~10348
- Originally completed on 7/19/2010

Existing Perforations:

Name NBU 921-26J3AS Blackhawk
Perforation and CBP Summary

Stage	Zones	Perforations Top, ft	Perforations Bottom, ft	SPF	Holes		Fracture Coverage		
1	MESAVERDE	10553	10557	2	8		10553	to	10560
	MESAVERDE	10568	10572	3	12		10568	to	10573
	MESAVERDE	10580	10582	4	8		10580	to	10582
	MESAVERDE	10598	10600	4	8		10596	to	10600
	MESAVERDE								
	MESAVERDE								
	MESAVERDE								
					Look				
	# of Perfs/stage				36		CBP DEPTH	10,503	
2	MESAVERDE	10380	10382	3	6		10380	to	10382
	MESAVERDE	10392	10394	3	6		10391	to	10395
	MESAVERDE	10414	10416	3	6		10410	to	10416
	MESAVERDE	10446	10450	3	12		10436	to	10450
	MESAVERDE	10458	10460	4	8		10455	to	10460
	MESAVERDE								
	MESAVERDE								
	MESAVERDE								
					Look				
	# of Perfs/stage				38		CBP DEPTH	10,330	
	Totals				74				

Relevant History:

7/19/2010: Frac 2 stages of lower Mesaverde with 261,165 gal Slickwater and 173,906# 30/50 TLC.
11/30/2010: 10K Logan casing patch run @ 36' for wellhead repair program.
4/15/2011: Max depth 10565. 1.9" Broach set down at 10325.

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H2S History

Production Date	Gas (avg mcf/day)	Water (avg bbl/day)	Oil (avg bbl/day)	LGR (bbl/Mmcf)	Max H2S Seperator (ppm)
11/30/2011	258.87	22.00	1.73	91.68	
10/31/2011	268.35	22.00	1.65	88.11	
9/30/2011	274.90	22.00	1.50	85.49	
8/31/2011	282.87	21.94	1.65	83.36	
7/31/2011	287.39	22.00	2.23	84.30	
6/30/2011	301.77	22.00	2.57	81.41	
5/31/2011	307.06	22.00	2.61	80.16	
4/30/2011	347.13	2.37	0.33	7.78	
3/31/2011	369.42	34.58	2.23	99.63	
2/28/2011	404.18	34.57	2.21	91.01	4.00
1/31/2011	422.65	33.68	1.61	83.50	0.00
12/31/2010	491.39	38.19	1.52	80.81	4.00
11/30/2010	516.17	45.87	2.33	93.38	2.00
10/31/2010	663.39	47.35	2.97	75.86	2.00
9/30/2010	801.00	64.03	3.60	84.44	
8/31/2010	970.35	84.61	6.42	93.81	0.00
7/31/2010	338.19	31.35	3.61	103.40	

PROCEDURE: (If using any chemicals for pickling tubing or H2S Scavenging, have MSDS for all chemicals prior to starting work.)

1. MIRU. Control well with recycled water and biocide as required. ND WH, NU BOP's and test.

2. TOOH with 2-3/8", 4.7#, J-55 (or N-80) tubing (currently landed at ~10348'). Visually inspect for scale and consider replacing if needed.

3. If tbg looks ok consider running a gauge ring to 9718 (50' below proposed CBP). Otherwise P/U a mill and C/O to 9718 (50' below proposed CBP).

4. Set 8000 psi CBP at ~ 9668'. ND BOPs and NU frac valves. Test frac valves and casing to 1000 and 3500 psi for 15 minutes each and to 7000 psi for 30 minutes; if pressure test fails contact Denver engineer and see notes. As per standard operating procedure install steel blowdown line to reserve pit from 4-1/2" X 8-5/8" annulus. Lock **OPEN** the Braden head valve. Annulus will be monitored throughout stimulation. If release occurs, stimulation will be shut down. Well conditions will be assessed and actions taken as necessary to secure the well. UDOGM will be notified if a release to the annulus occurs.

5. Perf the following with 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
MESAVERDE	9515	9516	4	4
MESAVERDE	9546	9548	4	8
MESAVERDE	9579	9580	4	4
MESAVERDE	9636	9638	4	8

6. Breakdown perfs and establish injection rate (<u>include scale inhibitor in fluid</u>). Spot 250 gals of 15% HCL and let soak 5-10 min. Fracture as outlined in Stage 1 on attached listing.

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Under-displace to ~9515' and trickle 250gal 15%HCL w/ scale inhibitor in flush .
NOTE: TIGHT SPACING THIS STAGE, OVERFLUSH BY 5BBLS

7. Set 8000 psi CBP at ~9,482'. Perf the following 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
MESAVERDE	9241	9243	3	6
MESAVERDE	9278	9279	3	3
MESAVERDE	9381	9382	3	3
MESAVERDE	9401	9403	3	6
MESAVERDE	9418	9419	3	3
MESAVERDE	9451	9452	3	3

8. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 2 on attached listing. Under-displace to ~9241' and trickle 250gal 15%HCL w/ scale inhibitor in flush.
NOTE: TIGHT SPACING THIS STAGE, OVERFLUSH BY 5BBLS

9. Set 8000 psi CBP at ~9,228'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
MESAVERDE	9091	9092	3	3
MESAVERDE	9103	9104	3	3
MESAVERDE	9142	9144	3	6
MESAVERDE	9164	9166	3	6
MESAVERDE	9196	9198	3	6

10. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 3 on attached listing. Under-displace to ~9091' and trickle 250gal 15%HCL w/ scale inhibitor in flush.
NOTE: TIGHT SPACING THIS STAGE, OVERFLUSH BY 5BBLS

11. Set 8000 psi CBP at ~9,081'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
MESAVERDE	8910	8911	3	3
MESAVERDE	8952	8954	3	6
MESAVERDE	8986	8988	3	6
MESAVERDE	9023	9024	3	3
MESAVERDE	9049	9051	3	6

12. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 4 on attached listing. Under-displace to ~8910' and trickle 250gal 15%HCL w/ scale inhibitor in flush.

13. Set 8000 psi CBP at ~8,836'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
MESAVERDE	8668	8669	3	3
MESAVERDE	8691	8693	3	6
MESAVERDE	8742	8744	3	6
MESAVERDE	8784	8785	3	3
MESAVERDE	8804	8806	3	6

14. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 5 on attached listing. Under-displace to ~8668' and trickle 250gal 15%HCL w/ scale inhibitor in flush.
NOTE: TIGHT SPACING THIS STAGE, OVERFLUSH BY 5BBLS

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15. Set 8000 psi CBP at ~8,638'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
MESAVERDE	8381	8382	3	3
MESAVERDE	8495	8498	3	9
MESAVERDE	8590	8592	3	6
MESAVERDE	8606	8608	3	6

16. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 6 on attached listing. Under-displace to ~8381' and trickle 250gal 15%HCL w/ scale inhibitor in flush. **NOTE: TIGHT SPACING THIS STAGE, OVERFLUSH BY 5BBLS**

17. Set 8000 psi CBP at ~8,347'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
MESAVERDE	8152	8154	3	6
MESAVERDE	8175	8176	3	3
MESAVERDE	8262	8264	3	6
MESAVERDE	8288	8290	3	6
MESAVERDE	8316	8317	3	3

18. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 7 on attached listing. Under-displace to ~8152' and trickle 250gal 15%HCL w/ scale inhibitor in flush.

19. Set 8000 psi CBP at ~8,086'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
MESAVERDE	7921	7922	3	3
MESAVERDE	7946	7947	3	3
MESAVERDE	7954	7955	3	3
MESAVERDE	7966	7968	3	6
MESAVERDE	7998	8000	3	6
MESAVERDE	8055	8056	3	3

20. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 8 on attached listing. Under-displace to ~7921' and trickle 250gal 15%HCL w/ scale inhibitor in flush. **NOTE: TIGHT SPACING THIS STAGE, OVERFLUSH BY 5BBLS**

21. Set 8000 psi CBP at ~7,901'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
MESAVERDE	7663	7665	3	6
MESAVERDE	7735	7736	3	3
MESAVERDE	7804	7805	3	3
MESAVERDE	7819	7822	3	9
MESAVERDE	7870	7871	3	3

22. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 9 on attached listing. Under-displace to ~7663' and trickle 250gal 15%HCL w/ scale inhibitor in flush.

23. Set 8000 psi CBP at ~7,556'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	7443	7445	4	8
WASATCH	7522	7526	4	16

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24. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 10 on attached listing. Under-displace to ~7443' and trickle 250gal 15%HCL w/ scale inhibitor in flush.

25. Set 8000 psi CBP at ~7,359'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	7134	7137	4	12
WASATCH	7293	7294	4	4
WASATCH	7327	7329	4	8

26. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 11 on attached listing. Under-displace to ~7134' and trickle 250gal 15%HCL w/ scale inhibitor in flush.

27. Set 8000 psi CBP at ~6,631'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	6340	6342	4	8
WASATCH	6512	6514	4	8
WASATCH	6599	6601	4	8

28. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 12 on attached listing. Under-displace to ~6340' andflush only with recycled water.

29. Set 8000 psi CBP at~6,290'.

30. ND Frac Valves, NU and Test BOPs.

31. TIH with 3 7/8" bit, POBS and tubing and clean out to PBTD at 10589'. Land tubing at ±10348' pump off bit and bit sub. This well WILL be commingled at this time.

32. Clean out well with foam and/or swabbing unit until steady flow has been established from completion.

33. **Leave surface casing valve open**. Monitor and report any flow from surface casing. RDMO

For design questions, please call
Michael Sollee, Denver, CO
(720)-929-6057 (Office)
(832) 859 0515 (Cell)

For field implementation questions, please call
Jeff Samuels, Vernal, UT
(435)-781-7046 (Office)

NOTES:
TIGHT SPACING ON STAGE 1, 2, 3, 5, 6, and 8; OVERFLUSH BY 5 BBLS

If using any chemicals for pickling tubing or H2S Scavenging, have MSDS for all chemicals prior to starting work

Verify that the Braden head valve is locked OPEN.

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Total Stages	12	stages
Last Stage Flush	4,139	gals

Service Company Supplied Chemicals - Job Totals

Friction Reducer	215	gals @	0.5	GPT
Surfactant	430	gals @	1.0	GPT
Clay Stabilizer	215	gals @	0.5	GPT
15% Hcl	3000	gals @	250	gal/stg
Iron Control for acid	15	gals @	5.0	GPT of acid
Surfactant for acid	6	gals @	2.0	GPT of acid
Corrosion Inhibitor for acid	12	gals @	4.0	GPT of acid

Third Party Supplied Chemicals Job Totals - Include Pumping Charge if Applicable

Scale Inhibitor	1165	gals pumped per schedule above		
Biocide	215	gals @	0.5	GPT

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Fracturing Schedules

Name NBU 921-26J3AS

Slickwater Frac

Copy to new book

Recomplete?	Y
Pad?	N
ACTS?	N

Swabbing Days	3	Enter Number of swabbing days here for recompletes
Production Log	0	Enter 1 if running a Production Log
DFIT	0	Enter Number of DFITs

Stage	Zone	Perfs Top, ft.	Perfs Bot., ft	SPF	Holes	Rate BPM	Fluid Type	Initial ppg	Final ppg	Fluid	Volume gals	Cum Vol gals	Volume BBLs	Cum Vol BBLs	Fluid % of frac	Sand % of frac	Sand lbs	Cum. Sand lbs	Footage from CBP to Flush	Scale Inhib., gal.
1	MESAVERDE	9515	9516	4	4	Varied	Pump-in test			Slickwater		0	0	0						
	MESAVERDE	9546	9548	4	8	0	ISIP and 5 min ISIP													62
	MESAVERDE	9579	9580	4	4	50	Slickwater Pad			Slickwater	2,818	2,818	67	67	15.0%	0.0%	0	0		8
	MESAVERDE	9636	9638	4	8	50	Slickwater Ramp	0.25	0.63	Slickwater	5,323	8,142	127	194	28.3%	21.9%	2,329	2,329		16
	MESAVERDE					50	SW Sweep	0	0	Slickwater	0	8,142	0	194		0.0%	0	2,329		0
	MESAVERDE					50	Slickwater Ramp	0.63	0.75	Slickwater	5,323	13,465	127	321	28.3%	34.4%	3,660	5,989		0
	MESAVERDE					50	SW Sweep	0	0	Slickwater	0	13,465	0	321		0.0%	0	5,989		0
	MESAVERDE					50	Slickwater Ramp	0.25	0.75	Slickwater	0	13,465	0	321		0.0%	0	5,989		0
	MESAVERDE					50	Slickwater Ramp	0.75	1	Slickwater	5,323	18,789	127	447	28.3%	43.8%	4,658	10,647		0
	MESAVERDE					50	Flush (4-1/2)				6,211	25,000	148	595				10,647		62
	MESAVERDE						ISDP and 5 min ISDP					25,000								148
	MESAVERDE																			
	MESAVERDE																			
	MESAVERDE									Sand laden Volume		18,789								
																gal/md-ft	85,871	48,660	lbs sand/md-ft	
			# of Perfs/stage		24									Flush depth	9515		CBP depth	9,482	33	
						11.9	<< Above pump time (min)													
2	MESAVERDE	9241	9243	3	6	Varied	Pump-in test			Slickwater		0	0	0						
	MESAVERDE	9278	9279	3	3	0	ISIP and 5 min ISIP													
	MESAVERDE	9381	9382	3	3	50	Slickwater Pad			Slickwater	2,845	2,845	68	68	15.0%	0.0%	0	0		9
	MESAVERDE	9401	9403	3	6	50	Slickwater Ramp	0.25	0.63	Slickwater	5,374	8,219	128	196	28.3%	21.9%	2,351	2,351		16
	MESAVERDE	9418	9419	3	3	50	SW Sweep	0	0	Slickwater	0	8,219	0	196		0.0%	0	2,351		0
	MESAVERDE	9451	9452	3	3	50	Slickwater Ramp	0.63	0.75	Slickwater	5,374	13,593	128	324	28.3%	34.4%	3,695	6,046		0
	MESAVERDE					50	SW Sweep	0	0	Slickwater	0	13,593	0	324		0.0%	0	6,046		0
	MESAVERDE					50	Slickwater Ramp	0.25	0.75	Slickwater	0	13,593	0	324		0.0%	0	6,046		0
	MESAVERDE					50	Slickwater Ramp	0.75	1	Slickwater	5,374	18,967	128	452	28.3%	43.8%	4,702	10,748		0
	MESAVERDE					50	Flush (4-1/2)				6,033	25,000	144	595				10,748		60
	MESAVERDE						ISDP and 5 min ISDP					25,000								85
	MESAVERDE																			
	MESAVERDE																			
	MESAVERDE									Sand laden Volume		18,967								
																gal/md-ft	73,890	41,871	lbs sand/md-ft	
			# of Perfs/stage		24									Flush depth	9241		CBP depth	9,228	13	
						11.9	<< Above pump time (min)													
3	MESAVERDE	9091	9092	3	3	Varied	Pump-in test			Slickwater		0	0	0						
	MESAVERDE	9103	9104	3	3	0	ISIP and 5 min ISIP													
	MESAVERDE	9142	9144	3	6	50	Slickwater Pad			Slickwater	4,883	4,883	116	116	15.0%	0.0%	0	0		15
	MESAVERDE	9164	9166	3	6	50	Slickwater Ramp	0.25	0.63	Slickwater	9,223	14,105	220	336	28.3%	21.9%	4,035	4,035		28
	MESAVERDE	9196	9198	3	6	50	SW Sweep	0	0	Slickwater	0	14,105	0	336		0.0%	0	4,035		0
	MESAVERDE					50	Slickwater Ramp	0.63	0.75	Slickwater	9,223	23,328	220	555	28.3%	34.4%	6,340	10,375		0
	MESAVERDE					50	SW Sweep	0	0	Slickwater	0	23,328	0	555		0.0%	0	10,375		0
	MESAVERDE					50	Slickwater Ramp	0.25	0.75	Slickwater	0	23,328	0	555		0.0%	0	10,375		0
	MESAVERDE					50	Slickwater Ramp	0.75	1	Slickwater	9,223	32,550	220	775	28.3%	43.8%	8,070	18,445		0
	MESAVERDE					50	Flush (4-1/2)				5,935	38,485	141	916				18,445		59
	MESAVERDE						ISDP and 5 min ISDP					38,485								101
	MESAVERDE																			
	MESAVERDE																			
	MESAVERDE									Sand laden Volume		32,550								
																gal/md-ft	50,000	28,333	lbs sand/md-ft	
			# of Perfs/stage		24									Flush depth	9091		CBP depth	9,081	10	
						18.3	<< Above pump time (min)													

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4	MESAVERDE	8910	8911	3	3	Varied	Pump-in test			Slickwater		0	0	0						
	MESAVERDE	8952	8954	3	6	0	ISIP and 5 min ISIP													
	MESAVERDE	8986	8988	3	6	50	Slickwater Pad			Slickwater	5,150	5,150	123	123	15.0%	0.0%	0	0		15
	MESAVERDE	9023	9024	3	3	50	Slickwater Ramp	0.25	0.63	Slickwater	9,728	14,879	232	354	28.3%	21.9%	4,256	4,256		29
	MESAVERDE	9049	9051	3	6	50	SW Sweep	0	0	Slickwater	0	14,879	0	354		0.0%	0	4,256		0
	MESAVERDE					50	Slickwater Ramp	0.63	0.75	Slickwater	9,728	24,607	232	586	28.3%	34.4%	6,688	10,944		0
	MESAVERDE					50	SW Sweep	0	0	Slickwater	0	24,607	0	586		0.0%	0	10,944		0
	MESAVERDE					50	Slickwater Ramp	0.25	0.75	Slickwater	0	24,607	0	586		0.0%	0	10,944		0
	MESAVERDE					50	Slickwater Ramp	0.75	1	Slickwater	9,728	34,335	232	818	28.3%	43.8%	8,512	19,457		0
	MESAVERDE					50	Flush (4-1/2)				5,816	40,151	138	956				19,457		57
	MESAVERDE						ISDP and 5 min ISDP					40,151								102
	MESAVERDE																			
	MESAVERDE																			
	MESAVERDE									Sand laden Volume		34,335								
																gal/md-ft	50,000	28,333	lbs sand/md-ft	
			# of Perfs/stage		24									Flush depth	8910		CBP depth	8,836	74	
						19.1	<< Above pump time (min)													
5	MESAVERDE	8668	8669	3	3	Varied	Pump-in test			Slickwater		0	0	0						
	MESAVERDE	8691	8693	3	6	0	ISIP and 5 min ISIP													
	MESAVERDE	8742	8744	3	6	50	Slickwater Pad			Slickwater	2,901	2,901	69	69	15.0%	0.0%	0	0		9
	MESAVERDE	8784	8785	3	3	50	Slickwater Ramp	0.25	0.63	Slickwater	5,480	8,381	130	200	28.3%	21.9%	2,398	2,398		16
	MESAVERDE	8804	8806	3	6	50	SW Sweep	0	0	Slickwater	0	8,381	0	200		0.0%	0	2,398		0
	MESAVERDE					50	Slickwater Ramp	0.63	0.75	Slickwater	5,480	13,861	130	330	28.3%	34.4%	3,768	6,165		0
	MESAVERDE					50	SW Sweep	0	0	Slickwater	0	13,861	0	330		0.0%	0	6,165		0
	MESAVERDE					50	Slickwater Ramp	0.25	0.75	Slickwater	0	13,861	0	330		0.0%	0	6,165		0
	MESAVERDE					50	Slickwater Ramp	0.75	1	Slickwater	5,480	19,342	130	461	28.3%	43.8%	4,795	10,960		0
	MESAVERDE					50	Flush (4-1/2)				5,658	25,000	135	595				10,960		56
	MESAVERDE						ISDP and 5 min ISDP					25,000								81
	MESAVERDE																			
	MESAVERDE																			
	MESAVERDE									Sand laden Volume		19,342								
																gal/md-ft	54,208	30,718	lbs sand/md-ft	
			# of Perfs/stage		24									Flush depth	8668		CBP depth	8,638	30	
						11.9	<< Above pump time (min)													
6	MESAVERDE	8381	8382	3	3	Varied	Pump-in test			Slickwater		0	0	0						
	MESAVERDE	8495	8498	3	9	0	ISIP and 5 min ISIP													
	MESAVERDE	8590	8592	3	6	50	Slickwater Pad			Slickwater	4,197	4,197	100	100	15.0%	0.0%	0	0		13
	MESAVERDE	8606	8608	3	6	50	Slickwater Ramp	0.25	0.63	Slickwater	7,928	12,125	189	289	28.3%	21.9%	3,468	3,468		24
	MESAVERDE					50	SW Sweep	0	0	Slickwater	0	12,125	0	289		0.0%	0	3,468		0
	MESAVERDE					50	Slickwater Ramp	0.63	0.75	Slickwater	7,928	20,052	189	477	28.3%	34.4%	5,450	8,919		0
	MESAVERDE					50	SW Sweep	0	0	Slickwater	0	20,052	0	477		0.0%	0	8,919		0
	MESAVERDE					50	Slickwater Ramp	0.25	0.75	Slickwater	0	20,052	0	477		0.0%	0	8,919		0
	MESAVERDE					50	Slickwater Ramp	0.75	1	Slickwater	7,928	27,980	189	666	28.3%	43.8%	6,937	15,855		0
	MESAVERDE					50	Flush (4-1/2)				5,471	33,451	130	796				15,855		54
	MESAVERDE						ISDP and 5 min ISDP					33,451								91
	MESAVERDE																			
	MESAVERDE																			
	MESAVERDE									Sand laden Volume		27,980								
																gal/md-ft	50,000	28,333	lbs sand/md-ft	
			# of Perfs/stage		24									Flush depth	8381		CBP depth	8,347	34	
						15.9														

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7	MESAVERDE	8152	8154	3	6	Varied	Pump-in test			Slickwater		0	0	0							
	MESAVERDE	8175	8176	3	3	0	ISIP and 5 min ISIP														
	MESAVERDE	8262	8264	3	6	50	Slickwater Pad			Slickwater	4,847	4,847	115	115	15.0%	0.0%	0	0		15
	MESAVERDE	8288	8290	3	6	50	Slickwater Ramp	0.25	0.63	Slickwater	9,156	14,003	218	333	28.3%	21.9%	4,006	4,006		27
	MESAVERDE	8316	8317	3	3	50	SW Sweep	0	0	Slickwater	0	14,003	0	333		0.0%	0	4,006		0
	MESAVERDE					50	Slickwater Ramp	0.63	0.75	Slickwater	9,156	23,159	218	551	28.3%	34.4%	6,295	10,300		0
	MESAVERDE					50	SW Sweep	0	0	Slickwater	0	23,159	0	551		0.0%	0	10,300		0
	MESAVERDE					50	Slickwater Ramp	0.25	0.75	Slickwater	0	23,159	0	551		0.0%	0	10,300		0
	MESAVERDE					50	Slickwater Ramp	0.75	1	Slickwater	9,156	32,315	218	769	28.3%	43.8%	8,011	18,312		0
	MESAVERDE					50	Flush (4-1/2)				5,322	37,637	127	896				18,312		53
	MESAVERDE						ISDP and 5 min ISDP					37,637								95
	MESAVERDE																			
	MESAVERDE																			
	MESAVERDE									Sand laden Volume		32,315								
																gal/md-ft	50,000	28,333	lbs sand/md-ft	
			# of Perfs/stage		24									Flush depth	8152		CBP depth	8,086	66	
						17.9														
8	MESAVERDE	7921	7922	3	3	Varied	Pump-in test			Slickwater		0	0	0							
	MESAVERDE	7946	7947	3	3	0	ISIP and 5 min ISIP														
	MESAVERDE	7954	7955	3	3	50	Slickwater Pad			Slickwater	6,782	6,782	161	161	15.0%	0.0%	0	0		20
	MESAVERDE	7966	7968	3	6	50	Slickwater Ramp	0.25	0.63	Slickwater	12,810	19,591	305	466	28.3%	21.9%	5,604	5,604		38
	MESAVERDE	7998	8000	3	6	50	SW Sweep	0	0	Slickwater	0	19,591	0	466		0.0%	0	5,604		0
	MESAVERDE	8055	8056	3	3	50	Slickwater Ramp	0.63	0.75	Slickwater	12,810	32,401	305	771	28.3%	34.4%	8,807	14,411		0
	MESAVERDE					50	SW Sweep	0	0	Slickwater	0	32,401	0	771		0.0%	0	14,411		0
	MESAVERDE					50	Slickwater Ramp	0.25	0.75	Slickwater	0	32,401	0	771		0.0%	0	14,411		0
	MESAVERDE					50	Slickwater Ramp	0.75	1	Slickwater	12,810	45,210	305	1,076	28.3%	43.8%	11,208	25,619		0
	MESAVERDE					50	Flush (4-1/2)				5,171	50,381	123	1,200				25,619		51
	MESAVERDE						ISDP and 5 min ISDP					50,381								110
	MESAVERDE																			
	MESAVERDE																			
	MESAVERDE									Sand laden Volume		45,210								
																gal/md-ft	50,000	28,333	lbs sand/md-ft	
			# of Perfs/stage		24									Flush depth	7921		CBP depth	7,901	20	
						24.0														
9	MESAVERDE	7663	7665	3	6	Varied	Pump-in test			Slickwater		0	0	0							
	MESAVERDE	7735	7736	3	3	0	ISIP and 5 min ISIP														
	MESAVERDE	7804	7805	3	3	50	Slickwater Pad			Slickwater	10,658	10,658	254	254	15.0%	0.0%	0	0		32
	MESAVERDE	7819	7822	3	9	50	Slickwater Ramp	0.25	0.63	Slickwater	20,132	30,791	479	733	28.3%	21.1%	8,808	8,808		60
	MESAVERDE	7870	7871	3	3	50	SW Sweep	0	0	Slickwater	0	30,791	0	733		0.0%	0	8,808		0
	MESAVERDE					50	Slickwater Ramp	0.63	0.75	Slickwater	20,132	50,923	479	1,212	28.3%	33.1%	13,841	22,649		0
	MESAVERDE					50	SW Sweep	0	0	Slickwater	5,250	56,173	125	1,337		0.0%	0	22,649		0
	MESAVERDE					50	Slickwater Ramp	0.25	0.75	Slickwater	3,000	59,173	71	1,409		3.6%	1,500	24,149		0
	MESAVERDE					50	Slickwater Ramp	0.75	1	Slickwater	20,132	79,305	479	1,888	28.3%	42.2%	17,616	41,765		0
	MESAVERDE					50	Flush (4-1/2)				5,002	84,307	119	2,007				41,765		49
	MESAVERDE						ISDP and 5 min ISDP					84,307								142
	MESAVERDE																			
	MESAVERDE																			
	MESAVERDE									Sand laden Volume		71,055								
																gal/md-ft	50,000	29,389	lbs sand/md-ft	
			# of Perfs/stage		24									Flush depth	7663		CBP depth	7,556	107	
						40.1														

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10	WASATCH	7443	7445	4	8	Varied	Pump-in test			Slickwater		0	0	0							
	WASATCH	7522	7526	4	16	0	ISIP and 5 min ISIP														
	WASATCH					50	Slickwater Pad			Slickwater	3,021	3,021	72	72	15.0%	0.0%	0	0		9
	WASATCH					50	Slickwater Ramp	0.25	1	Slickwater	10,071	13,092	240	312	50.0%	37.3%	6,294	6,294		30
	WASATCH					50	Slickwater Ramp	1	2	Slickwater	7,049	20,141	168	480	35.0%	62.7%	10,574	16,868		0
	WASATCH					50	Flush (4-1/2)			Slickwater	4,859	25,000	116	595				16,868		0
	WASATCH						ISDP and 5 min ISDP			Slickwater										0
	WASATCH																			0
	WASATCH																	16,868		0
	WASATCH											25,000	116	595						48
	WASATCH																			87
	WASATCH																			
	WASATCH																			
	WASATCH									Sand laden Volume		20,141								
																gal/md-ft	34,465	28,864	lbs sand/md-ft	
			# of Perfs/stage		24									Flush depth	7443		CBP depth	7,359	84	
						11.9														
11	WASATCH	7134	7137	4	12	Varied	Pump-in test			Slickwater		0	0	0						
	WASATCH	7293	7294	4	4	0	ISIP and 5 min ISIP													
	WASATCH	7327	7329	4	8	50	Slickwater Pad			Slickwater	3,051	3,051	73	73	15.0%	0.0%	0	0		9
	WASATCH					50	Slickwater Ramp	0.25	1	Slickwater	10,171	13,223	242	315	50.0%	37.3%	6,357	6,357		31
	WASATCH					50	Slickwater Ramp	1	2	Slickwater	7,120	20,343	170	484	35.0%	62.7%	10,680	17,037		0
	WASATCH					50	Flush (4-1/2)			Slickwater	4,657	25,000	111	595				17,037		0
	WASATCH						ISDP and 5 min ISDP			Slickwater										0
	WASATCH																			0
	WASATCH																	17,037		0
	WASATCH											25,000	111	595						43
	WASATCH																			83
	WASATCH																			
	WASATCH																			
	WASATCH									Sand laden Volume		20,343								
																gal/md-ft	47,342	39,649	lbs sand/md-ft	
			# of Perfs/stage		24									Flush depth	7134		CBP depth	6,631	503	
						11.9														
12	WASATCH	6340	6342	4	8	Varied	Pump-in test			Slickwater		0	0	0						
	WASATCH	6512	6514	4	8	0	ISIP and 5 min ISIP													
	WASATCH	6599	6601	4	8	50	Slickwater Pad			Slickwater	3,129	3,129	75	75	15.0%	0.0%	0	0		9
	WASATCH					50	Slickwater Ramp	0.25	1	Slickwater	10,431	13,560	248	323	50.0%	37.3%	6,519	6,519		31
	WASATCH					50	Slickwater Ramp	1	2	Slickwater	7,301	20,861	174	497	35.0%	62.7%	10,952	17,471		0
	WASATCH					50	Flush (4-1/2)			Slickwater	4,139	25,000	99	595				17,471		0
	WASATCH						ISDP and 5 min ISDP			Slickwater										0
	WASATCH																			0
	WASATCH																	17,471		0
	WASATCH											25,000	99	595						0
	WASATCH																			41
	WASATCH																			
	WASATCH																			
	WASATCH									Sand laden Volume		20,861								
																gal/md-ft	109,738	91,906	lbs sand/md-ft	
			# of Perfs/stage		24									Flush depth	6340		CBP depth	6,290	50	
						11.9														
	Totals				288						**Total Fluid**	**434,412**	**gals**	**10,343**	**bbls**		**Total Sand**	**223,184**		
												10,343	**bbls**							
						3.4								**23.0**	**tanks**				**Total Scale Inhib. =**	**1165**

Name NBU 921-26J3AS
Perforation and CBP Summary

Stage	Zones	Perforations Top, ft	Perforations Bottom, ft	SPF	Holes		Fracture Coverage		
1	MESAVERDE	9515	9516	4	4		9509.5	to	9518.5
	MESAVERDE	9546	9548	4	8		9537	to	9560.5
	MESAVERDE	9579	9580	4	4		9569	to	9584
	MESAVERDE	9636	9638	4	8		9629	to	9640.5
	# of Perfs/stage				24		CBP DEPTH	9,482	
2	MESAVERDE	9241	9243	3	6		9237	to	9248
	MESAVERDE	9278	9279	3	3		9276.5	to	9283
	MESAVERDE	9381	9382	3	3		9369	to	9387
	MESAVERDE	9401	9403	3	6		9397	to	9406.5
	MESAVERDE	9418	9419	3	3		9407.5	to	9410
	MESAVERDE	9451	9452	3	3		9415	to	9421.5
	MESAVERDE						9448	to	9453
	MESAVERDE						9455	to	9461
	# of Perfs/stage				24		CBP DEPTH	9,228	
3	MESAVERDE	9091	9092	3	3		9081.5	to	9088.5
	MESAVERDE	9103	9104	3	3		9089.5	to	9093
	MESAVERDE	9142	9144	3	6		9098	to	9107
	MESAVERDE	9164	9166	3	6		9129	to	9138
	MESAVERDE	9196	9198	3	6		9141.5	to	9149
	MESAVERDE						9155	to	9169
	MESAVERDE						9193.5	to	9200
	# of Perfs/stage				24		CBP DEPTH	9,081	
4	MESAVERDE	8910	8911	3	3		8899	to	8905.5
	MESAVERDE	8952	8954	3	6		8909	to	8913
	MESAVERDE	8986	8988	3	6		8914.5	to	8921.5
	MESAVERDE	9023	9024	3	3		8935	to	8964
	MESAVERDE	9049	9051	3	6		8967	to	8969.5
	MESAVERDE						8982.5	to	9004.5
	MESAVERDE						9006.5	to	9039
	MESAVERDE						9042.5	to	9052.5
	# of Perfs/stage				24		CBP DEPTH	8,836	
5	MESAVERDE	8668	8669	3	3		8663	to	8678
	MESAVERDE	8691	8693	3	6		8680	to	8699.5
	MESAVERDE	8742	8744	3	6		8734	to	8757.5
	MESAVERDE	8784	8785	3	3		8769.5	to	8789.5
	MESAVERDE	8804	8806	3	6		8791.5	to	8809
	# of Perfs/stage				24		CBP DEPTH	8,638	
6	MESAVERDE	8381	8382	3	3		8377.5	to	8383.5
	MESAVERDE	8495	8498	3	9		8467.5	to	8512
	MESAVERDE	8590	8592	3	6		8585.5	to	8599.5
	MESAVERDE	8606	8608	3	6		8600.5	to	8610.5
	# of Perfs/stage				24		CBP DEPTH	8,347	
7	MESAVERDE	8152	8154	3	6		8141	to	8156.5
	MESAVERDE	8175	8176	3	3		8164.5	to	8179.5
	MESAVERDE	8262	8264	3	6		8244	to	8269
	MESAVERDE	8288	8290	3	6		8281	to	8292.5
	MESAVERDE	8316	8317	3	3		8301.5	to	8320.5
	# of Perfs/stage				24		CBP DEPTH	8,086	
8	MESAVERDE	7921	7922	3	3		7917	to	7929.5
	MESAVERDE	7946	7947	3	3		7935.5	to	7939.5
	MESAVERDE	7954	7955	3	3		7941.5	to	7949.5
	MESAVERDE	7966	7968	3	6		7951.5	to	7956
	MESAVERDE	7998	8000	3	6		7960	to	7976
	MESAVERDE	8055	8056	3	3		7992.5	to	8008.5
	MESAVERDE						8048	to	8061.5
	# of Perfs/stage				24		CBP DEPTH	7,901	
9	MESAVERDE	7663	7665	3	6		7659.5	to	7674.5
	MESAVERDE	7735	7736	3	3		7723	to	7740
	MESAVERDE	7804	7805	3	3		7803	to	7807
	MESAVERDE	7819	7822	3	9		7810.5	to	7833
	MESAVERDE	7870	7871	3	3		7867.5	to	7875
	# of Perfs/stage				24		CBP DEPTH	7,556	
10	WASATCH	7443	7445	4	8		7434	to	7440.5
	WASATCH	7522	7526	4	16		7442	to	7445.5
	WASATCH						7516.5	to	7530.5
	# of Perfs/stage				24		CBP DEPTH	7,359	
11	WASATCH	7134	7137	4	12		7129.5	to	7139
	WASATCH	7293	7294	4	4		7287.5	to	7297.5
	WASATCH	7327	7329	4	8		7322.5	to	7338
	# of Perfs/stage				24		CBP DEPTH	6,631	
12	WASATCH	6340	6342	4	8		6325	to	0
	WASATCH	6512	6514	4	8		6330.5	to	0
	WASATCH	6599	6601	4	8		6339	to	0
	WASATCH						6506.5	to	0
	WASATCH						6597	to	md-ft of Net Pa
	# of Perfs/stage				24		CBP DEPTH	6,290	
	Totals				288				

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MD	TVD	INC		MD	TVD	INC
0	0	0		3640	3582.93	0.29
169	169	0.22		3735	3677.93	0.06
199	199	0.42		3829	3771.93	0.63
228	228	0.6		3924	3866.93	0.5
256	256	0.96		4019	3961.92	0.63
285	284.99	1.63		4113	4055.92	0.56
313	312.97	2.05		4208	4150.91	0.81
342	341.95	2.69		4303	4245.91	0.19
371	370.9	3.83		4398	4340.9	0.5
401	400.82	4.55		4492	4434.9	0.31
430	429.72	5.07		4587	4529.89	1.25
461	460.59	5.46		4682	4624.88	1.06
490	489.45	5.53		4777	4719.85	1.69
517	516.33	5.57		4871	4813.82	1.5
547	546.19	5.36		4966	4908.79	1.25
578	577.04	6.14		5061	5003.77	1
608	606.85	6.68		5156	5098.76	0.81
638	636.63	7.27		5250	5192.75	1
668	666.35	8.13		5345	5287.74	1
698	696.01	9.13		5440	5382.73	0.81
728	725.6	10.03		5538	5480.72	0.63
758	755.1	10.91		5630	5572.72	0.38
788	784.51	11.76		5724	5666.71	1.06
818	813.85	12.3		5819	5761.7	0.85
848	843.14	12.79		5913	5855.69	0.63
878	872.36	13.33		6008	5950.68	0.5
968	959.83	13.88		6102	6044.68	0.38
1058	1047.08	14.56		6197	6139.68	0.63
1148	1134.31	13.9		6292	6234.67	0.94
1238	1221.68	13.9		6387	6329.66	0.69
1328	1308.97	14.31		6481	6423.65	0.44
1418	1396.43	12.96		6576	6518.65	0.31
1508	1484.27	12.16		6671	6613.65	0.44
1598	1572.12	12.94		6766	6708.65	0.44
1688	1659.75	13.42		6860	6802.64	0.44
1778	1747.24	13.72		6955	6897.64	0.47
1868	1834.8	13.05		7050	6992.64	0.32
1958	1922.45	13.21		7145	7087.64	0.5
2048	2009.98	13.68		7238	7180.63	0.56
2138	2097.47	13.42		7333	7275.63	0.81
2228	2185.32	11.71		7428	7370.61	1.25
2318	2273.45	11.66		7523	7465.59	0.94
2408	2361.49	12.33		7617	7559.58	1.06
2437	2389.8	12.63		7712	7654.57	0.78
2503	2454.17	12.88		7807	7749.57	0.25
2598	2546.99	11.7		7902	7844.57	0.06
2692	2639.26	10.36		7996	7938.57	0
2787	2732.96	8.6		8091	8033.57	0.19
2882	2827.01	7.56		8186	8128.57	0.19
2977	2921.27	6.81		8281	8223.57	0.31
3071	3014.68	6.06		8375	8317.56	0.44
3166	3109.28	4.44		8470	8412.56	0.5
3261	3204.09	2.69		8565	8507.56	0.69
3356	3298.99	2.63		8640	8582.55	0.44
3451	3393.94	0.69		10650	10592.49	0.44
3545	3487.94	0.69				

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Acid Pickling and H2S Procedures (If Required)

**PROCEDURE FOR PUMPING ACID DOWN TBG

WHEN FINDING SCALE IN TUBING THAT IS ACID SOLUBLE, ENSURE THAT PLUNGER EQUIPMENT IS REMOVED AND ABLE TO PUMP DOWN TBG. INSTALL A 'T' IN PUMP LINE W/2" VALVE THAT NALCO CAN TIE INTO. HAVE 60 BBLS 2% KCL MIXED W/ 10-15 GAL H2S SCAVENGER IN RIG FLAT TANK. (WE USED THE RIG FLAT TANK FOR MIXING CHEMICAL SO WE DIDN'T HAVE THE CHEMICAL IN ALL FLUIDS ON LOCATION, ONLY WHAT WE NEEDED TO PUMP DOWN HOLE)

1. PUMP 5-10 BBLS 2% KCL DOWN TBG (NALCO CANNOT PUMP AGAINST PRESSURE)
2. NALCO WILL PUMP 3 DRUMS HCL (31%) INTO PUMP LINE.
3. FLUSH BEHIND ACID WITH 10-15 BBL 2% KCL
4. PUMP 2—30 BBL 2% W/ H2S SCAVENGER DOWN TBG.
5. PUMP REMAINDER OF 2% W/ H2S SCAVENGER DOWN CASING AND SHUT WELL IN FOR MINIMUM OF 2 HRS.
6. OVER DISPLACE DOWN TBG AND CSG TO FLUSH ACID AND SCAVENGER INTO FORMATION
7. MONITOR TUBING FOR FLOW AND CASING FOR H2S NOW AS POOH W/ TUBING.

** PROCEDURE FOR PUMPING H2S SCAVENGER WITHOUT ACID

PRIOR TO RIG MOVING ON OR AS RIG PULLS ONTO LOCATION. TEST CASING, TUBING AND SEPARATOR FOR H2S. IF FOUND MAKE SURE THAT PLUNGER SYSTEM IS REMOVED (IT IS POSSIBLE TO PUMP AROUND PLUNGERS BUT SOME WILL HAVE A STANDING VALVE IN SEATING NIPPLE).

1. MIX 10-15 GAL H2S SCAVENGER WITH 60-100 BBL 2% KCL IN RIG FLAT TANK.
2. PUMP 25 BBLS MIXTURE DOWN TUBING AND REST DOWN CASING. SHUT WELL IN FOR 2 HOURS.
3. IF WELL HAS PRESSURE AFTER 2 HOURS – RETEST CASING AND TUBING FOR H2S.
4. FLUSH TUBING AND CASING PUSHING H2S SCAVENGER INTO FORMATION.
5. MONITOR TUBING FOR FLOW AND CASING FOR H2S NOW AS POOH W/ TUBING.

** As per APC standard operating procedure, APC foreman will verify ALL volumes pumped and record on APC Volume Report Form

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Key Contact information

Completion Engineer

Zachary Garrity: 406-781-6427, 720-929-6180

Production Engineer

Brad Laney: 435/781-7031, 435/828-5469

Jordan Portillo: 435/781-9785, 435/828-6221

Laura M. Wellman: 435/781-9748, 435/322-0118

Completion Supervisor Foreman

Jeff Samuels: 435-828-6515, 435-781-7046

Completion Manager

Jeff Dufresne: 720-929-6281, 303-241-8428

Vernal Main Office

435-789-3342

Emergency Contact Information—Call 911

Vernal Regional Hospital Emergency: 435-789-3342

Police: (435) 789-5835

Fire: 435-789-4222

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STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ (highlight changes)

FORM 8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER: ML 22934

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME: UTU63047A

8. WELL NAME and NUMBER: NBU 921-26J3AS

9. API NUMBER: 4304750883

10 FIELD AND POOL, OR WILDCAT: NATURAL BUTTES

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ DRY ☐ OTHER

b. TYPE OF WORK: NEW WELL ☐ HORIZ. LATS. ☐ DEEP-EN ☐ RE-ENTRY ☐ DIFF. RESVR. ☑ OTHER RECOMPLETION

2. NAME OF OPERATOR: KERR MCGEE OIL & GAS ONSHORE, L.P.

3. ADDRESS OF OPERATOR: P.O.BOX 173779 CITY DENVER STATE CO ZIP 80217 PHONE NUMBER: (720) 929-6304

4. LOCATION OF WELL (FOOTAGES)

AT SURFACE: NWSE 1437 FSL 1841 FEL S26,T9S,R21E

AT TOP PRODUCING INTERVAL REPORTED BELOW: NWSE 1989 FSL 1996 FEL S26,T9S,R21E

AT TOTAL DEPTH: NWSE 1964 FSL 1990 FEL S26,T9S,R21E

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 26 9S 21E S

12. COUNTY: UINTAH

13. STATE: UTAH

14. DATE SPUDDED: 2/25/2010

15. DATE T.D. REACHED: 5/11/2010

16. DATE COMPLETED: 2/21/2012 ABANDONED ☐ READY TO PRODUCE ☑

17. ELEVATIONS (DF, RKB, RT, GL): 5009 GL

18. TOTAL DEPTH: MD 10,650 TVD 10,592

19. PLUG BACK T.D.: MD 10,590 TVD 10,532

20. IF MULTIPLE COMPLETIONS, HOW MANY? *

21. DEPTH BRIDGE PLUG SET: MD TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)

GR/CBL-TRIPLE COMBO-CHV/GR

23.
WAS WELL CORED? NO ☑ YES ☐ (Submit analysis)
WAS DST RUN? NO ☑ YES ☐ (Submit report)
DIRECTIONAL SURVEY? NO ☐ YES ☑ (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
20"	14" STL	36.7#	0	40		28			
11"	8 5/8" J-55	28#	0	2,464		530			
7 7/8"	4 1/2" I-80	11.6#	0	10,637		1,791			

RECEIVED
APR 2 4 2012
DIV OF OIL, GAS, & MINING

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	10,346							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) WASATCH	6,340	7,526		
(B) MESAVERDE	7,663	9,638		
(C) MESAVERDE	10,380	10,600		
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)		SIZE	NO. HOLES	PERFORATION STATUS
6,340	7,526	0.36	72	Open ☑ Squeezed ☐
7,663	9,638	0.36	216	Open ☑ Squeezed ☐
10,380	10,600	0.36	74	Open ☑ Squeezed ☐
				Open ☐ Squeezed ☐

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
6340-9638	PUMP 11,039 BBLS SLICK H2O & 225,225 LBS 30/50 OTTAWA SAND
	12 STAGES

29. ENCLOSED ATTACHMENTS:

☐ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☐ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☐ OTHER:

30. WELL STATUS: PROD

(5/2000)

(CONTINUED ON BACK)

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
2/21/2012		3/12/2012		24			0	1,864	1,107	FLOWING
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:
20/64	623	1,162					0	1,846	1,107	PROD

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.

34. FORMATION (Log) MARKERS:

Name	Top (Measured Depth)
GREEN RIVER	1,623
BIRD'S NEST	1,856
MAHOGANY	2,369
WASATCH	4,857
MESAVERDE	7,633

35. ADDITIONAL REMARKS (Include plugging procedure)

Attached is the recompletion history and perforation report. Test information is production from Wasatch/Mesaverde perforations. Casing in the well is as previously reported on the original Completion Report. New recompletion perforations are: 6340-7526 Wasatch & 7663-9638 Mesaverde. Previously exisitng perforations are: 10,380-10,600 Mesaverde .

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) JAIME SCHARNOWSKE TITLE REGULATORY ANALYST

SIGNATURE Jaime Scharnowske DATE 4/19/2012

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

US ROCKIES REGION

Operation Summary Report

Well: NBU 921-26J3AS BLUE	Spud Conductor: 2/25/2010	Spud Date: 3/4/2010
Project: UTAH-UINTAH	Site: NBU 921-26J PAD	Rig Name No: GWS 1/1
Event: RECOMPL/RESEREVEADD	Start Date: 2/14/2012	End Date: 2/21/2012
Active Datum: RKB @5,036.00usft (above Mean Sea Level)	UWI: NW/SE/0/9/S/21/E/26/0/0/6/ON/S/1,437.00/E/0/1,841.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
2/14/2012	7:00 - 7:15	0.25	COMP	48		P		HSM, SLIPS, TRIPS & FALLS, RIGGING UP
	7:15 - 17:30	10.25	COMP	31	I	P		ROAD RIG FROM NBU 921-19M, MIRU, SPOT EQUIP, CONTROL WELL W/ 30 BBLS TMAC DOWN TBG, ND WH, NU BOP, RU FLOOR & TBG EQUIP, HOOK UP LINE TO FBT, CONTROL WELL W/ 30 BBLS TMAC DOWN CSG, UNLAND TBG & POOH & TALLY TBG, 130 STDS IN DERRICK & L/D 67 JTS ON TRAILER, HAD TO CONTROL WELL 3 TIMES WHILE POOH LEFT TRICKLE GOING DOWN CSG AFTER 3RD TIME, SWI, DRAIN & WINTERIZE EQUIP, SDFN.
2/15/2012	7:00 - 7:15	0.25	COMP	48		P		HSM, SLIPS, TRIPS & FALLS, ND BOP
	7:15 - 15:00	7.75	COMP	33	C	P		SICP 650 PSI, BLEED WELL DOWN TO FB TANK, CONTROL WELL W/ 30 BBLS TMAC, RD FLOOR, ND BOP, NU FV, RU FLOOR, MIRU JW WIRELINE, RIH W/ GAUGE RING TO 9,720' POOH, PU & RIH W/ 10K CBP & SET @ 9,668' POOH. MIRU B & C QUICK TEST, PRESS TEST 4 1/2" CSG & FRAC VALVE'S, SURFACE CSG VALVE OPEN & LOCKED. FILL SURFACE CSG & 4 1/2" CSG. PRESS TEST CSG & FRAC VALVE'S TO 1,000 PSI. HELD FOR 15 MIN GAINED 22 PSI. PRESS TEST CSG & FRAC VALVE'S TO 3,500 PSI. HELD FOR 15 MIN LOST 7 PSI. PRESS TEST CSG & FRAC VALVE'S TO 7,000 PSI. HELD FOR 30 MIN LOST 28 PSI. NO COMMUNICATION WITH SURFACE CSG, RDMO B & C QUICK TEST. PERF STG 1) PU 3 1/8 EXP GUN, 23 GRM, .36 HOLE SIZE, 90 DEG PHASING, RIH PERF AS PER DESIGN, POOH, PREP TO FRAC IN AM, DRAIN & WINTERIZE EQUIP, SWI, SDFN. MIRU SUPERIOR FRAC CREW.
2/16/2012	7:00 - 7:15	0.25	COMP	48		P		HSM, SLIPS, TRIPS & FALLS, WIRELINE & FRAC

Operation Summary Report

Well: NBU 921-26J3AS BLUE	Spud Conductor: 2/25/2010	Spud Date: 3/4/2010
Project: UTAH-UINTAH	Site: NBU 921-26J PAD	Rig Name No: GWS 1/1
Event: RECOMPL/RESEREVEADD	Start Date: 2/14/2012	End Date: 2/21/2012
Active Datum: RKB @5,036.00usft (above Mean Sea Level)	UWI: NW/SE/0/9/S/21/E/26/0/0/6/ON/S/1,437.00/E/0/1,841.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
	7:15 - 17:30	10.25	COMP	36		P		MIRU SUPERIOR, PRIME UP PUMPS & PRESS TEST LINES TO 8,000 PSI, LOST 300 PSI, NO VISIBLE LEAKS, MANUAL POPOFF SET @ 6,850 PSI. FRAC STG 1) WHP 1,310 PSI, BRK 3,710 PSI @ 5 BPM, ISIP 3,153 PSI, FG .77. CALC PERFS OPEN INJ RATE 50.4 BPM @ 5,885 PSI = 24/24 HOLES OPEN 100%. ISIP 2,887 PSI, FG .74, NPI -266 PSI. MP 6,555 PSI, MR 56.4 BPM, AP 5,969 PSI, AR 52.7 BPM, PUMPED 30/50 OTTAWA SAND. SWI, X-OVER FOR WL. PERF STG 2) PU 4 1/2" 8K HAL CBP & 3 1/8 EXP GUN, 23 GRM, .36 HOLE SIZE. 120 DEG PHASING, RIH SET 8K CBP @ 9,482' P/U PERF AS PER DESIGN, POOH, X-OVER FOR FRAC CREW. FRAC STG 2) WHP 2,800 PSI, BRK 3,584 PSI @ 4.6 BPM, ISIP 2,800 PSI, FG .74. CALC PERFS OPEN INJ RATE 47.3 BPM @ 5,953 PSI = 20/24 HOLES OPEN 83%. ISIP 2,886 PSI, FG .75, NPI 86 PSI. MP 6,621 PSI, MR 52.6 BPM, AP 5,987 PSI, AR 49.4 BPM, PUMPED 30/50 OTTAWA SAND. SWI, X-OVER FOR WL. PERF STG 3) PU 4 1/2" 8K HAL CBP & 3 1/8 EXP GUN, 23 GRM, .36 HOLE SIZE. 120 DEG PHASING, RIH SET 8K CBP @ 9,221' P/U PERF AS PER DESIGN, POOH, X-OVER FOR FRAC CREW. FRAC STG 3) WHP 2,610 PSI, BRK 3,739 PSI @ 4.4 BPM, ISIP 2,642 PSI, FG .73. CALC PERFS OPEN INJ RATE 50 BPM @ 6,342 PSI = 19/24 HOLES OPEN 78%. ISIP 3,109 PSI, FG .78, NPI 467 PSI. MP 6,599 PSI, MR 52.6 BPM, AP 6,078 PSI, AR 48.7 BPM, PUMPED 30/50 OTTAWA SAND. SWI, X-OVER FOR WL. PERF STG 4) PU 4 1/2" 8K HAL CBP & 3 1/8 EXP GUN, 23 GRM, .36 HOLE SIZE. 120 DEG PHASING, RIH SET 8K CBP @ 9,069' P/U PERF AS PER DESIGN, POOH, X-OVER FOR FRAC CREW. FRAC STG 4) WHP 1,970 PSI, BRK 4,203 PSI @ 4.7 BPM, ISIP 2,341 PSI, FG .70. CALC PERFS OPEN INJ RATE 53.8 BPM @ 6,067 PSI = 21/24 HOLES OPEN 86%. ISIP 2,731 PSI, FG .74, NPI 390 PSI. MP 6,603 PSI, MR 54.7 BPM, AP 5,719 PSI, AR 52.3 BPM,

US ROCKIES REGION

Operation Summary Report

Well: NBU 921-26J3AS BLUE	Spud Conductor: 2/25/2010	Spud Date: 3/4/2010
Project: UTAH-UINTAH	Site: NBU 921-26J PAD	Rig Name No: GWS 1/1
Event: RECOMPL/RESEREVEADD	Start Date: 2/14/2012	End Date: 2/21/2012
Active Datum: RKB @5,036.00usft (above Mean Sea Level)	UWI: NW/SE/0/9/S/21/E/26/0/0/6/ON/S/1,437.00/E/0/1,841.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
								PUMPED 30/50 OTTAWA SAND. SWI, X-OVER FOR WL. PERF STG 5) PU 4 1/2" 8K HAL CBP & 3 1/8 EXP GUN, 23 GRM, .36 HOLE SIZE. 120 DEG PHASING, RIH SET 8K CBP @ 8,836' P/U PERF AS PER DESIGN, POOH, X-OVER FOR FRAC CREW. FRAC STG 5) WHP 1,640 PSI, BRK 4,200 PSI @ 4.7 BPM, ISIP 2,189 PSI, FG .69. CALC PERFS OPEN INJ RATE 45.5 BPM @ 6,022 PSI = 16/24 HOLES OPEN 65%. ISIP 2,561 PSI, FG .73, NPI 372 PSI. MP 6,577 PSI, MR 54.6 BPM, AP 5,733 PSI, AR 47.7 BPM, PUMPED 30/50 OTTAWA SAND. SWI, X-OVER FOR WL. PERF STG 6) PU 4 1/2" 8K HAL CBP & 3 1/8 EXP GUN, 23 GRM, .36 HOLE SIZE. 120 DEG PHASING, RIH SET 8K CBP @ 8,638' P/U PERF AS PER DESIGN, POOH, X-OVER FOR FRAC CREW. FRAC STG 6) WHP 1,325 PSI, BRK 3,161 PSI @ 4.7 BPM, ISIP 1,867 PSI, FG .66. CALC PERFS OPEN INJ RATE 50.5 BPM @ 5,399 PSI = 19/24 HOLES OPEN 80%. ISIP 2,641 PSI, FG .75, NPI 774 PSI. MP 6,139 PSI, MR 52.7 BPM, AP 5,281 PSI, AR 51.4 BPM, PUMPED 30/50 OTTAWA SAND. SWI, X-OVER FOR WL. PERF STG 7) PU 4 1/2" 8K HAL CBP & 3 1/8 EXP GUN, 23 GRM, .36 HOLE SIZE. 120 DEG PHASING, RIH SET 8K CBP @ 8,347' P/U PERF AS PER DESIGN, POOH, X-OVER FOR FRAC CREW. FRAC STG) 7WHP 1,490 PSI, BRK 3,236 PSI @ 4.6 BPM, ISIP 1,799 PSI, FG .66. CALC PERFS OPEN INJ RATE 50.4 BPM @ 6,043 PSI = 16/24 HOLES OPEN 68%. ISIP 2,612 PSI, FG .76, NPI 813 PSI. MP 6,469 PSI, MR 54.7 BPM, AP 5,577 PSI, AR 52.9 BPM, PUMPED 30/50 OTTAWA SAND. SWI.
2/17/2012	6:30 - 6:45	0.25	COMP	48		P		DRAIN & WINTERIZE EQUIP, SDFN. HSM, SLIPS, TRIPS & FALLS, PERF & FRAC

Operation Summary Report

Well: NBU 921-26J3AS BLUE	Spud Conductor: 2/25/2010	Spud Date: 3/4/2010
Project: UTAH-UINTAH	Site: NBU 921-26J PAD	Rig Name No: GWS 1/1
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Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
	6:45 - 17:00	10.25	COMP	36	E	P		SICP 1,800 PSI, SURFACE CSG VALVE OPEN & LOCKED. PERF STG 8) PU 4 1/2" 8K HAL CBP & 3 1/8 EXP GUN, 23 GRM, .36 HOLE SIZE. 120 DEG PHASING, RIH SET 8K CBP @ 8,086' P/U PERF AS PER DESIGN, POOH, X-OVER FOR FRAC CREW. FRAC STG 8) WHP 816 PSI, BRK 3,517 PSI @ 4.6 BPM, ISIP 1,613 PSI, FG .64. CALC PERFS OPEN INJ RATE 50.1 BPM @ 6,012 PSI = 16/24 HOLES OPEN 66%. ISIP 2,481 PSI, FG .75, NPI 868 PSI. MP 6,350 PSI, MR 52.6 BPM, AP 5,119 PSI, AR 51.4 BPM, PUMPED 30/50 OTTAWA SAND. SWI, X-OVER FOR WL. PERF STG 9) PU 4 1/2" 8K HAL CBP & 3 1/8 EXP GUN, 23 GRM, .36 HOLE SIZE. 120 DEG PHASING, RIH SET 8K CBP @ 7,901' P/U PERF AS PER DESIGN, POOH, X-OVER FOR FRAC CREW. FRAC STG 9) WHP 1,470 PSI, BRK 2,373 PSI @ 6.6 BPM, ISIP 1,517 PSI, FG .63. CALC PERFS OPEN INJ RATE 52.2 BPM @ 5,789 PSI = 17/24 HOLES OPEN 70%. ISIP 2,410 PSI, FG .75, NPI 893 PSI. MP 6,268 PSI, MR 52.8 BPM, AP 4,794 PSI, AR 52.5 BPM, PUMPED 30/50 OTTAWA SAND. SWI, X-OVER FOR WL. PERF STG 10) PU 4 1/2" 8K HAL CBP & 3 1/8 EXP GUN, 23 GRM, .36 HOLE SIZE. 90 DEG PHASING, RIH SET 8K CBP @ 7,556' P/U PERF AS PER DESIGN, POOH, X-OVER FOR FRAC CREW. FRAC STG 10) WHP 360 PSI, BRK 2,245 PSI @ 4.2 BPM, ISIP 1,252 PSI, FG .61. CALC PERFS OPEN INJ RATE 51.8 BPM @ 5,438 PSI = 17/24 HOLES OPEN 70%. ISIP 2,493 PSI, FG .77, NPI 1,241 PSI. MP 6,173 PSI, MR 52.9 BPM, AP 5,507 PSI, AR 52.3 BPM, PUMPED 30/50 OTTAWA SAND. SWI, X-OVER FOR WL. PERF STG 11) PU 4 1/2" 8K HAL CBP & 3 1/8 EXP GUN, 23 GRM, .36 HOLE SIZE. 90 DEG PHASING, RIH SET 8K CBP @ 7,359' P/U PERF AS PER DESIGN, POOH, X-OVER FOR FRAC CREW. FRAC STG 11) WHP 1,210 PSI, BRK 2,914 PSI @ 3.8 BPM, ISIP 1,747 PSI, FG .68. CALC PERFS OPEN INJ RATE 51.5 BPM @ 5,477 PSI

Operation Summary Report

Well: NBU 921-26J3AS BLUE	Spud Conductor: 2/25/2010	Spud Date: 3/4/2010
Project: UTAH-UINTAH	Site: NBU 921-26J PAD	Rig Name No: GWS 1/1
Event: RECOMPL/RESEREVEADD	Start Date: 2/14/2012	End Date: 2/21/2012
Active Datum: RKB @5,036.00usft (above Mean Sea Level)	UWI: NW/SE/0/9/S/21/E/26/0/0/6/ON/S/1,437.00/E/0/1,841.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
								= 18/24 HOLES OPEN 75%. ISIP 2,055 PSI, FG .72, NPI 308 PSI. MP 6,521 PSI, MR 53 BPM, AP 5,503 PSI, AR 51.7 BPM, PUMPED 30/50 OTTAWA SAND. SWI, X-OVER FOR WL. PERF STG 12) PU 4 1/2" 8K HAL CBP & 3 1/8 EXP GUN, 23 GRM, .36 HOLE SIZE. 90 DEG PHASING, RIH SET 8K CBP @ 6,631' P/U PERF AS PER DESIGN, POOH, X-OVER FOR FRAC CREW. FRAC STG 12) WHP 350 PSI, BRK 2,967 PSI @ 4.6 BPM, ISIP 1,327 PSI, FG .64. CALC PERFS OPEN INJ RATE 50.9 BPM @ 4,556 PSI = 19/24 HOLES OPEN 80%. ISIP 1,415 PSI, FG .66, NPI 88 PSI. MP 5,711 PSI, MR 53.2 BPM, AP 4,409 PSI, AR 52.7 BPM, PUMPED 30/50 OTTAWA SAND. SWI, X-OVER FOR WL. PU 4 1/2" 8K HAL CBP, RIH & SET TOP KILL @ 6,290', POOH, RD SUPERIOR & JW WIRELINE. TOTAL SAND = 225,225 LBS TOTAL CLFL = 11,039 BBLS BIOCIDE = 233 GALLONS SCALE = 1,199 GALLONS DRAIN & WINTERIZE EQUIP, SWI, SDFWE.
2/20/2012	7:00 - 7:15	0.25	COMP	48		P		HSM, SLIPS, TRIPS & FALLS, TRIPPING TBG
	7:15 - 15:00	7.75	COMP	31	I	P		RD FLOOR, ND FV, NU BOP, RU FLOOR & TBG EQUIP, PU 3 7/8" BIT, POBS, XN S/N, RIH W/ TBG, RU P/S FILL TBG & BREAK CIRC, P/T BOP TO 4,500 PSI, TEST GOOD, DRAIN & WINTERIZE EQUIP, READY TO D/O PLUGS IN AM, SWI, SDFN.
2/21/2012	7:00 - 7:15	0.25	COMP	48		P		HSM, SLIPS, TRIPS & FALLS, D/O PLUGS & LANDING TBG

Operation Summary Report

Well: NBU 921-26J3AS BLUE	Spud Conductor: 2/25/2010	Spud Date: 3/4/2010
Project: UTAH-UINTAH	Site: NBU 921-26J PAD	Rig Name No: GWS 1/1
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Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
	7:15 - 18:00	10.75	COMP	44	C	P		BREAK CIRC, D/O PLUGS, SURFACE CSG VALVE OPEN & LOCKED. C/O 15' SAND, TAG 1ST PLUG @ 6,290' DRL PLUG IN 10 MIN. 100 PSI INCREASE RIH, CSG PRESS 0 PSI. WELL FLOWING. C/O 25' SAND, TAG 2ND PLUG @ 6,631' DRL PLUG IN 11 MIN. 100 PSI INCREASE RIH, CSG PRESS 0 PSI. WELL FLOWING. C/O 15' SAND, TAG 3RD PLUG @ 7,359' DRL PLUG IN 9 MIN. 200 PSI INCREASE RIH, CSG PRESS 0 PSI. WELL FLOWING. C/O 15' SAND, TAG 4TH PLUG @ 7,556' DRL PLUG IN 12 MIN. 400 PSI INCREASE RIH, CSG PRESS 100 PSI. C/O 30' SAND, TAG 5TH PLUG @ 7.901' DRL PLUG IN 10 MIN. 250 PSI INCREASE RIH, CSG PRESS 150 PSI. C/O 10' SAND, TAG 6TH PLUG @ 8,086' DRL PLUG IN 11 MIN. 500 PSI INCREASE RIH, CSG PRESS 300 PSI. C/O 25' SAND, TAG 7TH PLUG @ 8,347' DRL PLUG IN 12 MIN. 400 PSI INCREASE RIH, CSG PRESS 250 PSI. C/O 15' SAND, TAG 8TH PLUG @ 8,638' DRL PLUG IN 10 MIN. 400 PSI INCREASE RIH, CSG PRESS 400 PSI. C/O 20' SAND, TAG 9TH PLUG @ 8,836' DRL PLUG IN 9 MIN. 500 PSI INCREASE RIH, CSG PRESS 500 PSI. C/O 20' SAND, TAG 10TH PLUG @ 9,069' DRL PLUG IN 11 MIN. 300 PSI INCREASE RIH, CSG PRESS 600 PSI. C/O 25' SAND, TAG 11TH PLUG @ 9,221' DRL PLUG IN 10 MIN. 300 PSI INCREASE RIH, CSG PRESS 800 PSI. C/O 15' SAND, TAG 12TH PLUG @ 9,483' DRL PLUG IN 9 MIN. 300 PSI INCREASE RIH, CSG PRESS 900 PSI. C/O 20' SAND, TAG 13TH ISOLATION PLUG @ 9,668' DRL PLUG IN 10 MIN. 0 PSI INCREASE (NO KICK) RIH, CSG PRESS 900 PSI. PBTD @ 10,615', BTM PERF @ 10,600', RIH TAGGED

US ROCKIES REGION

Operation Summary Report

Well: NBU 921-26J3AS BLUE	Spud Conductor: 2/25/2010	Spud Date: 3/4/2010
Project: UTAH-UINTAH	Site: NBU 921-26J PAD	Rig Name No: GWS 1/1
Event: RECOMPL/RESEREVEADD	Start Date: 2/14/2012	End Date: 2/21/2012
Active Datum: RKB @5,036.00usft (above Mean Sea Level)	UWI: NW/SE/0/9/S/21/E/26/0/0/6/ON/S/1,437.00/E/0/1,841.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
								@ 10,590', C/O TO 10,595' ON TOP OF OLD POBS, 0' PAST BTM PERF W/ 335 JTS 2 3/8" L-80 TBG, LD 8 JTS, PU & STRIP IN TBG HANGER & LAND TBG W/ 327 JTS 2 3/8" L-80, EOT 10,345.70'. RD POWER SWIVEL, FLOOR & TBG EQUIP, ND BOPS, NU WH, DROP BALL TO SHEAR OFF BIT W/ 2,500 PSI, LET BIT FALL FOR 20 MIN. P/T FLOW LINE FROM WH TO HAL 9000 TO 3,700 PSI, W/ RIG PUMP, TEST GOOD, NO VISIBLE LEAKS. TURN OVER TO FLOW BACK CREW. RD & MOVE TO NBU 920-12B IN AM, SDFN. KB= 26' 4 1/16" WEATHERFORD HANGER= .83' TBG DELIVERED 50 JTS YELLOW BAND L-80 327 JTS 2 3/8" L-80 = 10,316.67' TBG USED 1 JTS POBS= 2.20' TBG RETURNED 49 JTS GOOD BACK TO SAMUELS YARD & EOT @ 10,345.70' 1 W/ GAULDED THREADS TWTR= 11,039 BBLS TWR= 2,400 BBLS TWLTR= 8,639 BBLS

1 General

1.1 Customer Information

Company	US ROCKIES REGION
Representative	
Address	

1.2 Well/Wellbore Information

Well	NBU 921-26J3AS BLUE	**Wellbore No.**	OH
Well Name	NBU 921-26J3AS	**Wellbore Name**	NBU 921-26J3AS
Report No.	1	**Report Date**	2/14/2012
Project	UTAH-UINTAH	**Site**	NBU 921-26J PAD
Rig Name/No.	GWS 1/1	**Event**	RECOMPL/RESEREVEADD
Start Date	2/14/2012	**End Date**	2/21/2012
Spud Date	3/4/2010	**Active Datum**	RKB @5,036.00usft (above Mean Sea Level)
UWI	NW/SE/0/9/S/21/E/26/0/0/6/ON/S/1,437.00/E/0/1,841.00/0/0		

1.3 General

Contractor	SUPERIOR WELL SERVICE	**Job Method**	PERFORATE	**Supervisor**	JEFF SAMUELS
Perforated Assembly	PRODUCTION CASING	**Conveyed Method**	WIRELINE		

1.4 Initial Conditions

Fluid Type	KCL WATER	**Fluid Density**	
Surface Press		**Estimate Res Press**	
TVD Fluid Top		**Fluid Head**	
Hydrostatic Press		**Press Difference**	
Balance Cond	NEUTRAL		

1.5 Summary

Gross Interval	6,340.0 (usft)-9,638.0 (usft	**Start Date/Time**	2/15/2012 12:00AM
No. of Intervals	53	**End Date/Time**	2/15/2012 12:00AM
Total Shots	288	**Net Perforation Interval**	88.00 (usft)
Avg Shot Density	3.27 (shot/ft)	**Final Surface Pressure**	
		Final Press Date	

2 Intervals

2.1 Perforated Interval

Date	Formation/ Reservoir	CCL@ (usft)	CCL-TS (usft)	MD Top (usft)	MD Base (usft)	Shot Density (shot/ft)	Misfires/ Add. Shot	Diameter (in)	Carr Type /Carr Manuf	Carr Size (in)	Phasing (°)	Charge Desc /Charge Manufacturer	Charge Weight (gram)	Reason	Misrun
2/15/2012 12:00AM	WASATCH/			6,340.0	6,342.0	4.00		0.360	EXP/	3.375	90.00		23.00	PRODUCTION	

2.1 Perforated Interval (Continued)

Date	Formation/ Reservoir	CCL@ (usft)	CCL-TS (usft)	MD Top (usft)	MD Base (usft)	Shot Density (shot/ft)	Misfires/ Add. Shot	Diameter (in)	Carr Type /Carr Manuf	Carr Size (in)	Phasing (°)	Charge Desc /Charge Manufacturer	Charge Weight (gram)	Reason	Misrun
2/15/2012 12:00AM	WASATCH/			6,512.0	6,514.0	4.00		0.360	EXP/	3.375	90.00		23.00	PRODUCTION	
2/15/2012 12:00AM	WASATCH/			6,599.0	6,601.0	4.00		0.360	EXP/	3.375	90.00		23.00	PRODUCTION	
2/15/2012 12:00AM	WASATCH/			7,134.0	7,137.0	4.00		0.360	EXP/	3.375	90.00		23.00	PRODUCTION	
2/15/2012 12:00AM	WASATCH/			7,293.0	7,294.0	4.00		0.360	EXP/	3.375	90.00		23.00	PRODUCTION	
2/15/2012 12:00AM	WASATCH/			7,327.0	7,329.0	4.00		0.360	EXP/	3.375	90.00		23.00	PRODUCTION	
2/15/2012 12:00AM	WASATCH/			7,443.0	7,445.0	4.00		0.360	EXP/	3.375	90.00		23.00	PRODUCTION	
2/15/2012 12:00AM	WASATCH/			7,522.0	7,526.0	4.00		0.360	EXP/	3.375	90.00		23.00	PRODUCTION	
2/15/2012 12:00AM	MESAVERDE/			7,663.0	7,665.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
2/15/2012 12:00AM	MESAVERDE/			7,735.0	7,736.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
2/15/2012 12:00AM	MESAVERDE/			7,804.0	7,805.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
2/15/2012 12:00AM	MESAVERDE/			7,819.0	7,822.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
2/15/2012 12:00AM	MESAVERDE/			7,870.0	7,871.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
2/15/2012 12:00AM	MESAVERDE/			7,921.0	7,922.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
2/15/2012 12:00AM	MESAVERDE/			7,946.0	7,947.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
2/15/2012 12:00AM	MESAVERDE/			7,954.0	7,955.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
2/15/2012 12:00AM	MESAVERDE/			7,966.0	7,968.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
2/15/2012 12:00AM	MESAVERDE/			7,998.0	8,000.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
2/15/2012 12:00AM	MESAVERDE/			8,055.0	8,056.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
2/15/2012 12:00AM	MESAVERDE/			8,152.0	8,154.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
2/15/2012 12:00AM	MESAVERDE/			8,175.0	8,176.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
2/15/2012 12:00AM	MESAVERDE/			8,262.0	8,264.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	

2.1 Perforated Interval (Continued)

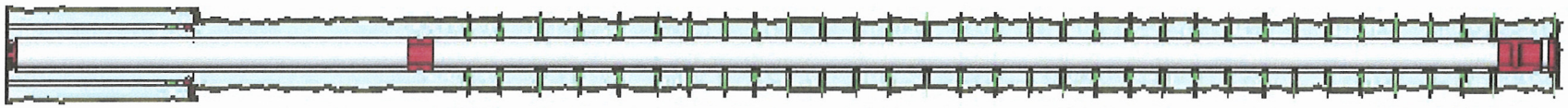
Date	Formation/ Reservoir	CCL@ (usft)	CCL-TS (usft)	MD Top (usft)	MD Base (usft)	Shot Density (shot/ft)	Misfires/ Add. Shot	Diameter (in)	Carr Type /Carr Manuf	Carr Size (in)	Phasing (°)	Charge Desc /Charge Manufacturer	Charge Weight (gram)	Reason	Misrun
2/15/2012 12:00AM	MESAVERDE/			8,288.0	8,290.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
2/15/2012 12:00AM	MESAVERDE/			8,316.0	8,317.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
2/15/2012 12:00AM	MESAVERDE/			8,381.0	8,382.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
2/15/2012 12:00AM	MESAVERDE/			8,495.0	8,498.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
2/15/2012 12:00AM	MESAVERDE/			8,590.0	8,592.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
2/15/2012 12:00AM	MESAVERDE/			8,606.0	8,608.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
2/15/2012 12:00AM	MESAVERDE/			8,668.0	8,669.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
2/15/2012 12:00AM	MESAVERDE/			8,691.0	8,693.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
2/15/2012 12:00AM	MESAVERDE/			8,742.0	8,744.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
2/15/2012 12:00AM	MESAVERDE/			8,784.0	8,785.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
2/15/2012 12:00AM	MESAVERDE/			8,804.0	8,806.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
2/15/2012 12:00AM	MESAVERDE/			8,910.0	8,911.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
2/15/2012 12:00AM	MESAVERDE/			8,952.0	8,954.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
2/15/2012 12:00AM	MESAVERDE/			8,986.0	8,988.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
2/15/2012 12:00AM	MESAVERDE/			9,023.0	9,024.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
2/15/2012 12:00AM	MESAVERDE/			9,049.0	9,051.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
2/15/2012 12:00AM	MESAVERDE/			9,091.0	9,092.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
2/15/2012 12:00AM	MESAVERDE/			9,103.0	9,104.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
2/15/2012 12:00AM	MESAVERDE/			9,142.0	9,144.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
2/15/2012 12:00AM	MESAVERDE/			9,164.0	9,166.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
2/15/2012 12:00AM	MESAVERDE/			9,196.0	9,198.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	

2.1 Perforated Interval (Continued)

Date	Formation/ Reservoir	CCL@ (usft)	CCL-TS (usft)	MD Top (usft)	MD Base (usft)	Shot Density (shot/ft)	Misfires/ Add. Shot	Diameter (in)	Carr Type /Carr Manuf	Carr Size (in)	Phasing (°)	Charge Desc /Charge Manufacturer	Charge Weight (gram)	Reason	Misrun
2/15/2012 12:00AM	MESAVERDE/			9,241.0	9,243.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
2/15/2012 12:00AM	MESAVERDE/			9,278.0	9,279.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
2/15/2012 12:00AM	MESAVERDE/			9,381.0	9,382.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
2/15/2012 12:00AM	MESAVERDE/			9,401.0	9,403.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
2/15/2012 12:00AM	MESAVERDE/			9,418.0	9,419.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
2/15/2012 12:00AM	MESAVERDE/			9,451.0	9,452.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION	
2/15/2012 12:00AM	MESAVERDE/			9,515.0	9,516.0	4.00		0.360	EXP/	3.375	90.00		23.00	PRODUCTION	
2/15/2012 12:00AM	MESAVERDE/			9,546.0	9,548.0	4.00		0.360	EXP/	3.375	90.00		23.00	PRODUCTION	
2/15/2012 12:00AM	MESAVERDE/			9,579.0	9,580.0	4.00		0.360	EXP/	3.375	90.00		23.00	PRODUCTION	
2/15/2012 12:00AM	MESAVERDE/			9,636.0	9,638.0	4.00		0.360	EXP/	3.375	90.00		23.00	PRODUCTION	

3 Plots

3.1 Wellbore Schematic



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: KERR McGEE OIL & GAS ONSHORE LP

Operator Account Number: N 2995

Address: P.O. Box 173779

city DENVER

state CO zip 80217

Phone Number: (720) 929-6100

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304750883	NBU 921-26J3AS		NWSE	26	9S	21E	UINTAH
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	
B	99999	2900	2/25/2010			3/8/10	

Comments: MIRU PETE MARTIN BUCKET RIG. WSMVD
SPUD WELL LOCATION ON 2/25/2010 AT 16:00 HRS. BHL = NWSE

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304750885	NBU 921-26O1BS		NWSE	26	9S	21E	UINTAH
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	
B	99999	2900	2/26/2010			3/8/10	

Comments: MIRU PETE MARTIN BUCKET RIG. WSMVD
SPUD WELL LOCATION ON 2/26/2010 AT 08:00 HRS. BHL = SWSE

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304750888	NBU 921-26O3BS		NWSE	26	9S	21E	UINTAH
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	
B	99999	2900	2/26/2010			3/8/10	

Comments: MIRU PETE MARTIN BUCKET RIG. WSMVD
SPUD WELL LOCATION ON 2/26/2010 AT 10:00 HRS. BHL = SWSE

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

ANDY LYTLE
Name (Please Print)

Signature

REGULATORY ANALYST
Title

3/1/2010
Date

RECEIVED
MAR 02 2010
DIV. OF OIL, GAS & MINING

(5/2000)

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5.LEASE DESIGNATION AND SERIAL NUMBER: ML 22934

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: NBU 921-26J3AS

2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.

9. API NUMBER: 43047508830000

3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779

PHONE NUMBER: 720 929-6404 EXT

9. FIELD and POOL or WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1437 FSL 1841 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 26 Township: 09.0S Range: 21.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ NOTICE OF INTENT — Approximate date work will start:
- ✓ SUBSEQUENT REPORT — Date of Work Completion: 10/4/2016
- ☐ SPUD REPORT — Date of Spud:
- ☐ DRILLING REPORT — Report Date:

TYPE OF ACTION

☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: WORKOVER

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

A WELLBORE CLEANOUT HAS BEEN COMPLETED ON THE NBU 921-26J3AS WELL. PLEASE SEE THE ATTACHED OPERATIONS SUMMARY REPORT FOR DETAILS.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
October 19, 2016

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Candice Barber	435 781-9749	HSE Representative

SIGNATURE	DATE
N/A	10/10/2016

RECEIVED: Oct. 10, 2016

US ROCKIES REGION

Operation Summary Report

Well: NBU 921-26J3AS GREEN	Spud Conductor: 2/25/2010	Spud date: 3/4/2010
Project: UTAH-UINTAH	Site: NBU 921-26J PAD	Rig name no.: MILES 2/2
Event: WELL WORK EXPENSE	Start date: 9/29/2016	End date: 10/4/2016
Active datum: RKB @5,036.00usft (above Mean Sea Level)	UWI: NW/SE/0/9/S/21/E/26/0/0/6/ON/S/1,437.00/E/0/1,841.00/0/0	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
9/29/2016	12:00 - 16:00	4.00	MAINT	30	A	P		MOVE RIG & EQUIP FROM NBU 922-18J PAD, MIRU, SPOT EQUIP, NDWH, UNLAND TBG, TBG STUCK, REMOVE HANGER ADD 6' PUP, RELAND TBG, NUBOP, UNLAND TBG WORK @ 75-80K FOR 20 MIN, BRK FREE, POOH LD PUP JTS, SWIFWE.
10/3/2016	7:00 - 7:15	0.25	MAINT	48		P		HSM/ JSA
	7:15 - 10:00	2.75	MAINT	31	S	P		SICP 1200 PSI, CONTROL W/ 40 BBLS TMAC, MIRU SCAN TECH, POOH SCAN 174 JTS TBG.
	10:00 - 11:30	1.50	MAINT	46	E	Z		REPLACE TONGS
	11:30 - 14:30	3.00	MAINT	31	S	P		CONT TO POOH SCAN 154 JTS TBG, ALL 328 JTS RED BAND, RDMO SCAN TECH.
	14:30 - 17:00	2.50	MAINT	31	I	P		PU 3 7/8" MILL & POBS W/ XN SN, PU TALLY RIH W/ 100 JTS 2 3/8" P110 TBG, EOT @ 3197', SWIFN.
10/4/2016	7:00 - 7:15	0.25	MAINT	48		P		HSM/ JSA
	7:15 - 11:00	3.75	MAINT	31	I	P		SICP 1000 PSI, CONTROL WELL, CONT TO PU TBG RIH W/ 231 JTS TBG 331 (TOTAL) TAG FILL @ 10588'
	11:00 - 18:00	7.00	MAINT	44	D	P		RU PWR SWVL & WTRFD FU W/ N2, BRK CIRC (3 HRS), C/O TO 10593' TAG OLD POBS DRL 30 MIN, NOT MAKING ANY HOLE, CIRC CLN, RD PWR SWVL & FU, POOH LD 8 JTS TBG, LAND TBG W/ 323 JTS 2 3/8" P110, EOT @ 10354.57', RU SWAB TOOLS BROACH TO SN, RD FLOOR & TBG EQUIP, NDBOP, NUWH, POBS @ 800 PSI, SWI, RDMO. KB- 26' HANGER- .83' 323 JTS 2 3/8" P110- 10325.54' POBS W/ XN SN- 2.20' EOT @ 10354.57' C/O TO 10593'

RECEIVED: Oct. 10, 2016